



MULTIPLE USE AGREEMENT

STATE OF TEXAS §
COUNTY OF TRAVIS §

THIS AGREEMENT made by the State of Texas by and between the Texas Department of Transportation, hereinafter referred to as "State", party of the first part, and the City of Austin, hereinafter called the "City", party of the second part, is to become effective when fully executed by both parties.

WITNESSETH

WHEREAS, on the ____ day of _____, 20____, the governing body for the City, entered into Resolution/Ordinance No. _____, hereinafter identified by reference, authorizing the City's participation in this agreement with the State; and

WHEREAS, the City has requested the State to permit the construction, maintenance and operation of a safety lighting system on the highway right of way of IH 35 at seven bridge overpass structures between and including Holly Street and 15th Street. The control-section for this area of IH 35 is 15-13 and is located in Travis County just north of the Colorado River. The specific locations are shown graphically by the preliminary conceptual site plan in Exhibit "A" and being more specifically described by metes and bounds of Exhibit "B", which are attached and made a part hereof; and

WHEREAS, the State has indicated its willingness to approve the establishment of such facilities and other uses conditioned that the City will enter into agreements with the state for the purpose of determining the respective responsibilities of the City and the State with reference thereto, and conditioned that such uses are in the public interest and will not damage the highway facilities, impair safety, impede maintenance or in any way restrict the operation of the highway facility, all as determined from engineering and traffic investigations conducted by the state.

AGREEMENT

NOW, THEREFORE, in consideration of the premises and of the mutual covenants and agreements of the parties hereto to be by them respectively kept and performed as hereinafter set forth, it is agreed as follows:

1. DESIGN AND CONSTRUCTION

The City will prepare or provide for the construction plans for the facility, and will provide for the construction work as required by said plans at no cost to the State. Said plans shall include the design of the access control, necessary horizontal and vertical clearances for highway structures, adequate landscape treatment, adequate detail to ensure compliance with applicable structural design standards, sufficient traffic control provisions, and general layout. They shall also delineate and define the construction responsibilities of both parties hereto. Completed plans will be submitted to State for review and approval and when approved shall be attached to the agreement and made a part thereof in all respects. Construction shall not commence until plans have been approved by the State. Any future revisions or additions shall be made after prior written approval of the State. Any sidewalks, curb ramps, and other pedestrian elements to be constructed, either on or off site, by the City shall be in accordance with the requirements of Title II of the Americans With Disabilities Act (ADA) and with the Texas Accessibility Standards (TAS). Elements constructed by the City and found not to comply with ADA or TAS shall be corrected at the entire expense of the City.

2. INSPECTION

Ingress and egress shall be allowed at all times to such facility for Federal Highway Administration personnel and State Forces and equipment when highway maintenance operations are necessary, and for inspection purposes; and upon request, all parking or other activities for periods required for such operations will be prohibited.

3. PARKING REGULATIONS

Parking regulations shall be established limiting parking to single unit motor vehicles of size and capacity no greater than prescribed for 1 $\frac{1}{2}$ ton trucks, such vehicles to conform in size and use to governing laws. Parking shall be permitted only in marked spaces

Parking shall be prohibited when a security threat, as determined by TxDOT, exists.

4. PROHIBITION/SIGNS

Regulations shall be established prohibiting the parking of vehicles transporting flammable or explosive loads and prohibiting use of the area in any manner for peddling, advertising or other purposes not in keeping with the objective of a public facility. The erection of signs other than those required for proper use of the area will be prohibited. All signs shall be approved by the State prior to the actual erection.

5. RESPONSIBILITIES

Timely maintenance, repair and operation of the facility shall be entirely the responsibility of the City. Such responsibility shall not be transferred, assigned or conveyed to a third party without the advanced written approval of the State. These responsibilities expressly include the timely maintenance and repair of any portion of the facility necessary to comply with the Americans with Disabilities Act. Further, such responsibility shall include picking up trash, mowing and otherwise keeping the facility in a clean and sanitary condition, and surveillance by police patrol to eliminate the possible creation of a nuisance or hazard to the public. Hazardous or unreasonably objectionable smoke, fumes, vapor or odors shall not be permitted to rise above the grade line of the highway, nor shall the facility subject the highway to hazardous or unreasonably objectionable dripping, droppings or discharge of any kind, including rain or snow.

If the State determines that the City has failed to comply with these responsibilities, it will perform the necessary work and charge the City the actual cost of the work.

6. FEES

Any fees levied for use of the facilities in the area shall be nominal and no more than are sufficient to defray the cost of construction, maintenance and operations thereof, and shall be subject to State approval.

A. Retention Period. The City shall maintain all books, documents, papers, accounting records and other evidence pertaining to fees collected and costs (hereinafter called the Records). The City shall make the records available during the term of the Agreement and for four years from the date the Agreement is terminated, until completion of all audits, or until pending litigation has been completely and fully resolved, whichever occurs last.

B. Audit Report. If fees are collected by the City for the use of the facility under this agreement, the City will provide the State an annual audit report detailing the fees collected for the use of the facility and the costs associated with constructing, maintaining, and operating the facility within the same period. If the report shows more fees collected than expenses for the construction, operation, or maintenance of the facility the City must provide a multiple year plan detailing how the additional revenue will be used for construction, operation, or maintenance of the facility.

C. Availability. The State or any of its duly authorized representatives, the Federal Highway Administration, the United States Department of Transportation, Office of Inspector General, and the Comptroller General shall have access to the City's records that are directly pertinent to this Agreement for the purpose of making audits and examinations.

7. TERMINATION UPON NOTICE

This provision is expressly made subject to the rights herein granted to both parties to terminate this agreement upon written notice, and upon the exercise of any such right by either party, all obligations

herein to make improvements to said facility shall immediately cease and terminate and the City shall be responsible for the facility's timely removal at no cost to the State. If the State determines that the City has failed to timely remove the facility, it will perform the necessary work and charge the City the actual cost of the work.

8. MODIFICATION/TERMINATION OF AGREEMENT

If in the sole judgment of the State it is found at any future time that traffic conditions have so changed that the existence or use of the facility is impeding maintenance, damaging the highway facility, impairing safety or that the facility is not being properly operated, that it constitutes a nuisance, is abandoned, or if for any other reason it is the State's judgment that such facility is not in the public interest, this agreement under which the facility was constructed may be : (1) modified if corrective measures acceptable to both parties can be applied to eliminate the objectionable features of the facility; or (2) terminated and the use of the area as proposed herein discontinued.

9. PROHIBITION OF STORAGE OF FLAMMABLE MATERIALS

All structures located or constructed within the area covered by the agreement shall be fire resistant. The storage of flammable, explosive or hazardous materials is prohibited. Operations deemed to be a potential fire hazard shall be subject to regulation by the State.

10. RESTORATION OF AREA

The City shall provide written notification to the State that such facility will be discontinued for the purpose defined herein. The City shall, within thirty (30) days from the date of said notification, clear the area of all facilities that were its construction responsibility under this agreement and restore the area to a condition satisfactory to the State.

11. PREVIOUS AGREEMENTS

It is understood that this agreement in no way modifies or supersedes the terms and provisions of any existing agreements between the parties hereto.

12. NO WAIVER OF GOVERNMENTAL IMMUNITY; NO THIRD PARTY LIABILITY

No party to this agreement intends to waive, relinquish, limit or condition its general governmental immunity from liability in any way.

Each party agrees and acknowledges that it is not an agent, servant, or employee of the other party and that under this provision each party is responsible only for its own acts and for those of its agents, servants, independent contractors or employees. Such responsibility includes, but is not limited to any claims or amounts arising or recovered under the "Workers Compensation Law," the Texas Tort Claims Act, Chapter 101, Texas Civil Practice and Remedies Code; or any other applicable laws or regulations, all as time to time may be amended.

Nothing in this agreement shall be construed as creating any liability in favor of any third party against the State and the City. Additionally, this agreement shall not ever be construed as relieving any third party from any liability against the State. Furthermore, the City shall become fully subrogated to the State's rights of recovery and shall be entitled to maintain any action over and against any third party who may be liable for damages. The State agrees to execute and deliver instruments and papers and to otherwise do that which is necessary to secure such rights.

13. INSURANCE

The City, shall provide necessary safeguards to protect the public on State maintained highways including adequate insurance for payment of any damages which might result during the construction, maintenance, repair and operation of the facility. The City shall include TxDOT as an additional insured by endorsement in the City's commercial general liability insurance policy. Prior to beginning work on the State's right of way, the City's construction contractor shall submit to the State a completed insurance form (TxDOT Form No. 1560) or appropriate certificate of self-insurance and shall maintain the required coverage during the construction of the facility.

14. USE OF RIGHT OF WAY

It is understood that the State by execution of this agreement does not impair or relinquish the State's right to use such land for highway purposes when it is required for the construction or re-construction of the traffic facility for which it was acquired, nor shall use of the land under such agreement ever be construed as abandonment by the State of such land acquired for highway purposes, and the State does not purport to grant any interest in the land described herein but merely consents to such use to the extent its authority and title permits.

15. ADDITIONAL CONSENT REQUIRED

The State asserts only that it has sufficient title for highway purposes. The City shall be responsible for obtaining such additional consent, permits or agreement as may be necessary due to this agreement. This includes, but is not limited to, appropriate permits and clearances for environmental, ADA and public utilities.

16. FHWA ADDITIONAL REQUIREMENTS

If the Facility is located on the Federal-Aid Highway System, "ATTACHMENT A", which states additional requirements as set forth in the Federal Highway Administration's Title 23, Code of Federal Regulations, § 710, shall be attached to and become a part of this agreement.

17. CIVIL RIGHTS ASSURANCES

The City, for itself, its personal representatives, successors and interests and assigns, as part of the consideration hereof, does hereby covenant and agree as a covenant running with the land that: (1)

no persons, on the grounds of race, color, sex, age, national origin, religion or disabling condition, shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the use of said facility; (2) that in the construction of any improvements on, over or under such land and the furnishing of services thereon, no person on the ground of race, color, sex, age, national origin, religion or disabling condition, shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination; (3) that the City shall use the premises in compliance with all other requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Non-discrimination in Federally-Assisted programs of the Department of Transportation - Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended.

That if in the event of any breach of the above non-discrimination covenants, the State shall have the right to terminate the agreement and reenter and repossess said land and the facilities thereon, and hold the same as if said agreement had never been made or issued.

18. AMENDMENTS

Any changes in the time frame, character or responsibilities of the parties hereto shall be enacted by a written amendment executed by both parties hereto.

19. LEGAL CONSTRUCTION

In case one or more of the provisions contained in this agreement shall for any reason be held invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any provision hereof and this agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained in this agreement.

20. AUDIT

The State may conduct an audit or investigation of any aspect of this agreement. The City must provide the State with access to any information the State considers relevant to the investigation or audit. The audit can include, but is not limited to, any contract for construction or maintenance of any facility or structure authorized by this agreement or any contract to provide a service to the City if that service is authorized by this agreement.

21. AUTHORITY OF STATE AUDITOR

The state auditor may conduct an audit or investigation of any entity receiving funds from the state directly under the contract or indirectly through a subcontract under the contract. Acceptance of funds directly under the contract or indirectly through a subcontract under this contract acts as acceptance of the authority of the state auditor, under the direction of the legislative audit committee, to conduct an audit or investigation in connection with those funds. An entity that is the subject of an audit or investigation must provide the state auditor with access to any information the state auditor considers relevant to the investigation or audit.

22. NOTICES

All notices required under this agreement shall be mailed or hand delivered to the following respective addresses:

STATE (Mailing Address)	City of Austin (Mailing Address)
Texas Department of Transportation Maintenance Division 125 East 11 th Street Austin, Texas 78701-2483	Austin Transportation Department 3701 Lake Austin Boulevard Austin, Texas 78703

23. TIMELY PAYMENT

When required by any provision of this agreement requires a payment to be made to the State, the other party hereto shall within thirty (30) days from receipt of the State's written notification pay the State for the full cost of repairing any damages to the highway facility which may result from the other party's construction, maintenance, repair or operation of the facility.

24. WARRANTS

The signatories to this agreement warrant that each has the authority to enter into this agreement on behalf of the party represented.

List of Attached Exhibits:

- Exhibit A - General Layout
- Exhibit B - Metes and Bounds Description
- Exhibit C - Approved Construction Plans
- Exhibit D - Certificate of Insurance (TxDOT Form 1560)
- Exhibit E - Attachment A (FHWA Additional Requirements)

IN WITNESS WHEREOF, the parties have hereunto affixed their signature, the City on the _____ day of _____, 20_____, and the State on the _____ day of _____, 20_____.

CITY OF AUSTIN

By: _____

Title

Printed Name

Date

Contact Name & Office

Telephone:

STATE OF TEXAS

Executed and approved for the Texas Transportation Commission for the purpose and effect of activating and/or carrying out the orders, and established policies or work programs heretofore approved and authorized by the Texas Transportation Commission.

By: _____

Director, Maintenance Division

Printed Name

Date

RECOMMENDED APPROVAL:

District Engineer

Printed Name

Date

ATTACHMENT A

Inasmuch as this project is on the Federal-Aid highway system, the following additional requirements as applicable with the Federal Highway Administration's Title 23, Code of Federal Regulations, § 710.

1. Any significant revision in the design or construction of the facility shall receive prior approval by the Texas Department of Transportation subject to concurrency by the FHWA.
2. Any change in the authorized use of airspace shall receive prior approval by the Texas Department of Transportation subject to concurrence by the FHWA.
3. The airspace shall not be transferred, assigned or conveyed to another party without prior Texas Department of Transportation approval subject to concurrence by the FHWA.
4. This agreement will be revocable in the event that the airspace facility ceases to be used or is abandoned.

EXHIBIT E

**SUPPORTING
RESOLUTION or ORDINANCE**

EXHIBIT A

General Layout and Location

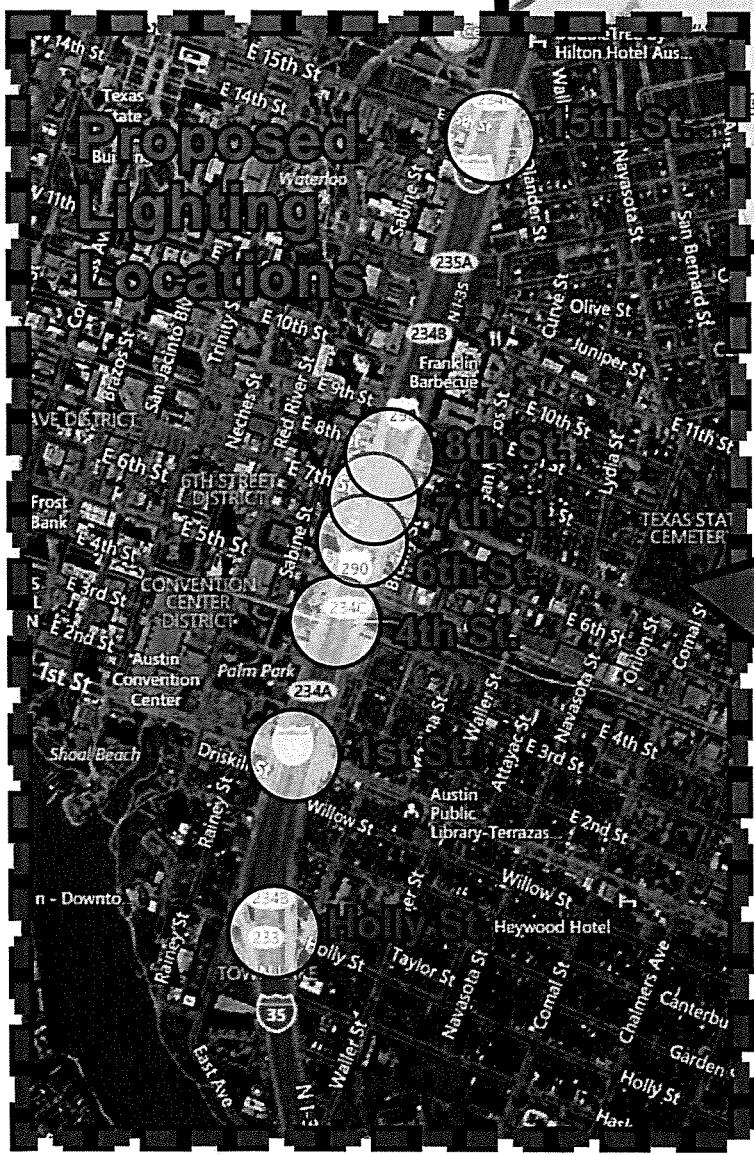
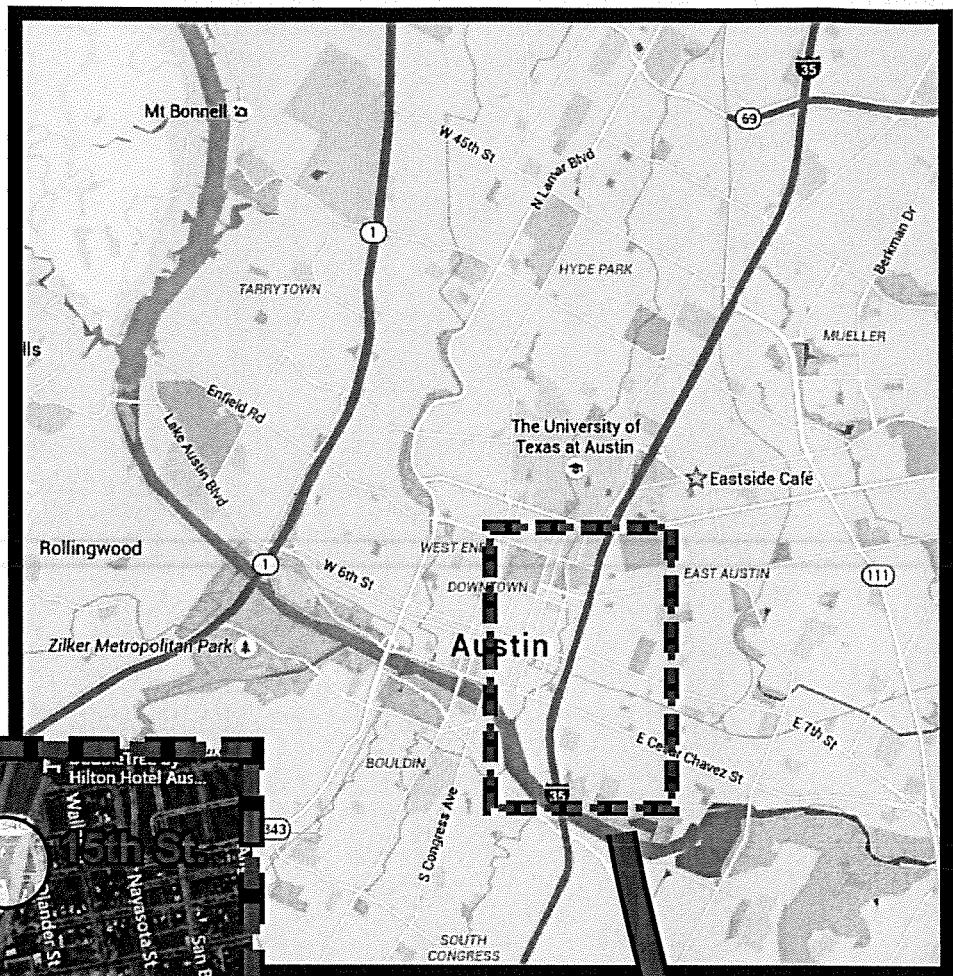
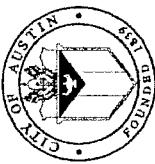


EXHIBIT A

LOCATION MAP

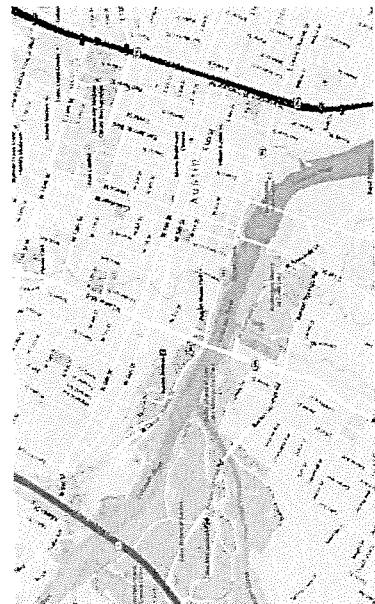
EXHIBIT B
Proposed Construction Plans
(Metes and Bounds Description)



CITY OF AUSTIN

I-35 UNDERPASS LIGHTING

C.I.P. IDENTIFICATION NUMBER XXXX-XXX
90 % CONSTRUCTION DOCUMENT - PROGRESS S
DATE: MARCH 27, 2015



KEY NOTES

11

AUSTIN, TEXAS

PROJECT MANAGER: AUSTIN TRANSPORTATION DEPARTMENT
PARKING ENTERPRISE DIVISION
STEVE GRASSHOPPER, PARKING ENTERPRISE
MANAGER

1111 BLOOMFIELD STREET
Vancouver, BC V6Z 2B6

PHONE: 510-974-1426

ELECTRICAL ENGINEER
ENCOTECH ENGINEERING CONSULTANTS, INC.

INDEX OF DAWAIDCE

1000



ENCOTECH
Engineering Contractors
1000 E. 11th Street • Suite 100 • Austin, Texas 78701 • 512.444.3234
Project No. 10000000000000000000000000000000

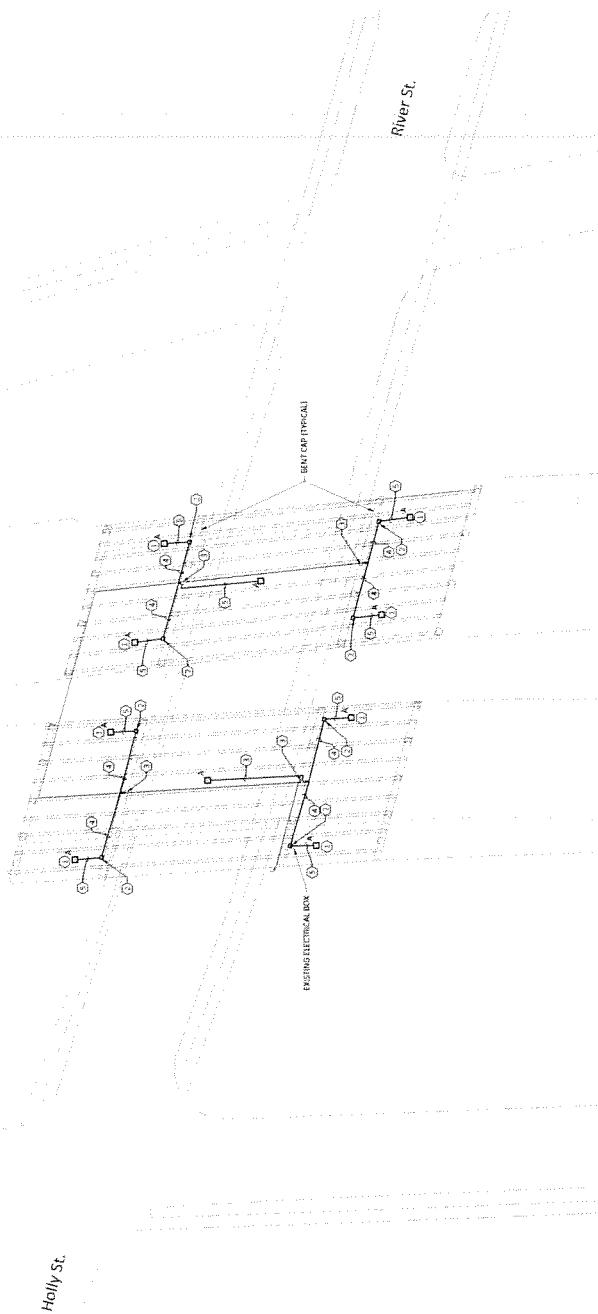
CDA UNDERPASS LIGHTING

Austin, Texas

E201

NOTES	
REVIEWED	<p>1. COORDINATE WITH CITY OF AUSTIN & TEXAS FIRE MARSHAL FOR EXACT LOCATION, MOUNTING HEIGHT, AND FACE REQUIREMENT, WITH ALL RELATED PERMITTING ISSUED BY THE TEXAS STATE FIRE MARSHAL'S OFFICE.</p> <p>2. COORDINATE REQUIREMENTS FOR LIGHTING EQUIPMENT WITH THE MANUFACTURER.</p>

PROGRESS DRAW	
REVIEWED	<p>1. LIGHTING FIXTURES SHALL BE SUSPENDED FROM BRIDGE DECK BY BOTTOM OF LIGHT FIXTURE, SWING ARM, OR LIFT ARM. PERMANENT CONCRETE MOUNTING DETAILS SHALL NOT BE USED.</p> <p>2. MOUNTING & HOPP JUNCTION BOX SHALL BE INCORPORATED INTO THE DESIGN AS A TIE-OFF POINT.</p> <p>3. MOUNTING ELECTRICAL CONNECTIONS FOR NEW LIGHT TO EXISTING LOCATION BUT NEW SHALL BE MOUNTED IN A NEW LOCATION WITH NEW, WHICH WILL NOT DAMAGE EXISTING PAINTING DETAILS.</p> <p>4. EXISTING CORDS WITH NEW SHALL BE MOVED TO NEW LOCATION.</p> <p>5. YARD REAR CONCRETE WALL SHALL BE REINFORCED TO SUPPORT BRIDGE BACK LOADS AGAINST WITH PULL OUT CONCRETE REINFORCEMENT DETAILS.</p>



HOLLY STREET UNDERPASS
LIGHTING PLAN
1
1/2000

No.	Date	Date
1	10/20/00	01/05/01
2	10/20/00	01/05/01
3	10/20/00	01/05/01
4	10/20/00	01/05/01
5	10/20/00	01/05/01
6	10/20/00	01/05/01
7	10/20/00	01/05/01
8	10/20/00	01/05/01
9	10/20/00	01/05/01
10	10/20/00	01/05/01
11	10/20/00	01/05/01
12	10/20/00	01/05/01
13	10/20/00	01/05/01
14	10/20/00	01/05/01
15	10/20/00	01/05/01
16	10/20/00	01/05/01
17	10/20/00	01/05/01
18	10/20/00	01/05/01
19	10/20/00	01/05/01
20	10/20/00	01/05/01
21	10/20/00	01/05/01
22	10/20/00	01/05/01
23	10/20/00	01/05/01
24	10/20/00	01/05/01
25	10/20/00	01/05/01
26	10/20/00	01/05/01
27	10/20/00	01/05/01
28	10/20/00	01/05/01
29	10/20/00	01/05/01
30	10/20/00	01/05/01
31	10/20/00	01/05/01
32	10/20/00	01/05/01
33	10/20/00	01/05/01
34	10/20/00	01/05/01
35	10/20/00	01/05/01
36	10/20/00	01/05/01
37	10/20/00	01/05/01
38	10/20/00	01/05/01
39	10/20/00	01/05/01
40	10/20/00	01/05/01
41	10/20/00	01/05/01
42	10/20/00	01/05/01
43	10/20/00	01/05/01
44	10/20/00	01/05/01
45	10/20/00	01/05/01
46	10/20/00	01/05/01
47	10/20/00	01/05/01
48	10/20/00	01/05/01
49	10/20/00	01/05/01
50	10/20/00	01/05/01
51	10/20/00	01/05/01
52	10/20/00	01/05/01
53	10/20/00	01/05/01
54	10/20/00	01/05/01
55	10/20/00	01/05/01
56	10/20/00	01/05/01
57	10/20/00	01/05/01
58	10/20/00	01/05/01
59	10/20/00	01/05/01
60	10/20/00	01/05/01
61	10/20/00	01/05/01
62	10/20/00	01/05/01
63	10/20/00	01/05/01
64	10/20/00	01/05/01
65	10/20/00	01/05/01
66	10/20/00	01/05/01
67	10/20/00	01/05/01
68	10/20/00	01/05/01
69	10/20/00	01/05/01
70	10/20/00	01/05/01
71	10/20/00	01/05/01
72	10/20/00	01/05/01
73	10/20/00	01/05/01
74	10/20/00	01/05/01
75	10/20/00	01/05/01
76	10/20/00	01/05/01
77	10/20/00	01/05/01
78	10/20/00	01/05/01
79	10/20/00	01/05/01
80	10/20/00	01/05/01
81	10/20/00	01/05/01
82	10/20/00	01/05/01
83	10/20/00	01/05/01
84	10/20/00	01/05/01
85	10/20/00	01/05/01
86	10/20/00	01/05/01
87	10/20/00	01/05/01
88	10/20/00	01/05/01
89	10/20/00	01/05/01
90	10/20/00	01/05/01
91	10/20/00	01/05/01
92	10/20/00	01/05/01
93	10/20/00	01/05/01
94	10/20/00	01/05/01
95	10/20/00	01/05/01
96	10/20/00	01/05/01
97	10/20/00	01/05/01
98	10/20/00	01/05/01
99	10/20/00	01/05/01
100	10/20/00	01/05/01
101	10/20/00	01/05/01
102	10/20/00	01/05/01
103	10/20/00	01/05/01
104	10/20/00	01/05/01
105	10/20/00	01/05/01
106	10/20/00	01/05/01
107	10/20/00	01/05/01
108	10/20/00	01/05/01
109	10/20/00	01/05/01
110	10/20/00	01/05/01
111	10/20/00	01/05/01
112	10/20/00	01/05/01
113	10/20/00	01/05/01
114	10/20/00	01/05/01
115	10/20/00	01/05/01
116	10/20/00	01/05/01
117	10/20/00	01/05/01
118	10/20/00	01/05/01
119	10/20/00	01/05/01
120	10/20/00	01/05/01
121	10/20/00	01/05/01
122	10/20/00	01/05/01
123	10/20/00	01/05/01
124	10/20/00	01/05/01
125	10/20/00	01/05/01
126	10/20/00	01/05/01
127	10/20/00	01/05/01
128	10/20/00	01/05/01
129	10/20/00	01/05/01
130	10/20/00	01/05/01
131	10/20/00	01/05/01
132	10/20/00	01/05/01
133	10/20/00	01/05/01
134	10/20/00	01/05/01
135	10/20/00	01/05/01
136	10/20/00	01/05/01
137	10/20/00	01/05/01
138	10/20/00	01/05/01
139	10/20/00	01/05/01
140	10/20/00	01/05/01
141	10/20/00	01/05/01
142	10/20/00	01/05/01
143	10/20/00	01/05/01
144	10/20/00	01/05/01
145	10/20/00	01/05/01
146	10/20/00	01/05/01
147	10/20/00	01/05/01
148	10/20/00	01/05/01
149	10/20/00	01/05/01
150	10/20/00	01/05/01
151	10/20/00	01/05/01
152	10/20/00	01/05/01
153	10/20/00	01/05/01
154	10/20/00	01/05/01
155	10/20/00	01/05/01
156	10/20/00	01/05/01
157	10/20/00	01/05/01
158	10/20/00	01/05/01
159	10/20/00	01/05/01
160	10/20/00	01/05/01
161	10/20/00	01/05/01
162	10/20/00	01/05/01
163	10/20/00	01/05/01
164	10/20/00	01/05/01
165	10/20/00	01/05/01
166	10/20/00	01/05/01
167	10/20/00	01/05/01
168	10/20/00	01/05/01
169	10/20/00	01/05/01
170	10/20/00	01/05/01
171	10/20/00	01/05/01
172	10/20/00	01/05/01
173	10/20/00	01/05/01
174	10/20/00	01/05/01
175	10/20/00	01/05/01
176	10/20/00	01/05/01
177	10/20/00	01/05/01
178	10/20/00	01/05/01
179	10/20/00	01/05/01
180	10/20/00	01/05/01
181	10/20/00	01/05/01
182	10/20/00	01/05/01
183	10/20/00	01/05/01
184	10/20/00	01/05/01
185	10/20/00	01/05/01
186	10/20/00	01/05/01
187	10/20/00	01/05/01
188	10/20/00	01/05/01
189	10/20/00	01/05/01
190	10/20/00	01/05/01
191	10/20/00	01/05/01
192	10/20/00	01/05/01
193	10/20/00	01/05/01
194	10/20/00	01/05/01
195	10/20/00	01/05/01
196	10/20/00	01/05/01
197	10/20/00	01/05/01
198	10/20/00	01/05/01
199	10/20/00	01/05/01
200	10/20/00	01/05/01
201	10/20/00	01/05/01
202	10/20/00	01/05/01
203	10/20/00	01/05/01
204	10/20/00	01/05/01
205	10/20/00	01/05/01
206	10/20/00	01/05/01
207	10/20/00	01/05/01
208	10/20/00	01/05/01
209	10/20/00	01/05/01
210	10/20/00	01/05/01
211	10/20/00	01/05/01
212	10/20/00	01/05/01
213	10/20/00	01/05/01
214	10/20/00	01/05/01
215	10/20/00	01/05/01
216	10/20/00	01/05/01
217	10/20/00	01/05/01
218	10/20/00	01/05/01
219	10/20/00	01/05/01
220	10/20/00	01/05/01
221	10/20/00	01/05/01
222	10/20/00	01/05/01
223	10/20/00	01/05/01
224	10/20/00	01/05/01
225	10/20/00	01/05/01
226	10/20/00	01/05/01
227	10/20/00	01/05/01
228	10/20/00	01/05/01
229	10/20/00	01/05/01
230	10/20/00	01/05/01
231	10/20/00	01/05/01
232	10/20/00	01/05/01
233	10/20/00	01/05/01
234	10/20/00	01/05/01
235	10/20/00	01/05/01
236	10/20/00	01/05/01
237	10/20/00	01/05/01
238	10/20/00	01/05/01
239	10/20/00	01/05/01
240	10/20/00	01/05/01
241	10/20/00	01/05/01
242	10/20/00	01/05/01
243	10/20/00	01/05/01
244	10/20/00	01/05/01
245	10/20/00	01/05/01
246	10/20/00	01/05/01
247	10/20/00	01/05/01
248	10/20/00	01/05/01
249	10/20/00	01/05/01
250	10/20/00	01/05/01
251	10/20/00	01/05/01
252	10/20/00	01/05/01
253	10/20/00	01/05/01
254	10/20/00	01/05/01
255	10/20/00	01/05/01
256	10/20/00	01/05/01
257	10/20/00	01/05/01
258	10/20/00	01/05/01
259	10/20/00	01/05/01
260	10/20/00	01/05/01
261	10/20/00	01/05/01
262	10/20/00	01/05/01
263	10/20/00	01/05/01
264	10/20/00	01/05/01
265	10/20/00	01/05/01
266	10/20/00	01/05



ENCO-TECH
ENGINEERING CONSULTANTS
1000 University Street, Suite 1100
Seattle, Washington 98101-3100
(206) 467-1100

NOTES

1. COORDINATE PROPOSED ACTION TO EXISTING PERSONAL PROPERTY LOCATED NEAR THE UNDERPASS AND MAKE SURE THAT SHAMAVINS AND/OR EXISTING LIGHTING AND SIGNS ARE NOT DESTROYED OR DAMAGED.
2. COORDINATE REQUIREMENTS FOR LIGHTING EQUIPMENT WITH EXISTING MANUFACTURERS.

KEYED NOTES

1. UNDERPASS SHADING FEATURES SHALL BE INSPECTED FROM A SCAFFOLD BUILT UP OF LIGHT FEATURES AS COORDINATE WITH TAG 1200 LIGHT BARRIER MOUNTED ON UNDERPASS.
2. WATER AND SEWER LINES SHALL BE MOUNTED OUTSIDE OF THE UNDERPASS AREA.
3. MAKE ELECTRICAL CONNECTION FOR NEW LIGHT TO EXISTING POWER SOURCE.
4. USE OF NEW CAP CONSTRUCTION WHICH ACCORDS WITH EXISTING MATERIALS.
5. SHOT BEND CORNER WITH WIRE SHALL BE MOUNTED TO TRAFFIC CONTROL MACHINERY AS WELL AS TRAFFIC CONTROL MACHINERY DETAILS.



PROGRESS PRINT
REPRODUCED BY
ENCOTECH ENGINEERING CONSULTANTS
1000 UNIVERSITY STREET, SUITE 1100
SEATTLE, WA 98101-3100
(206) 467-1100

COA UNDERPASS LIGHTING

Austin, Texas

FILE NUMBER: 00000000

DATE: 10/20/06

DRAWN BY: GENE GRIFFITH

CHECKED BY: GENE GRIFFITH

APPROVED BY: GENE GRIFFITH

DATE ISSUED: 10/20/06

4TH STREET UNDERPASS

LIGHTING PLAN

SERIAL NUMBER:

E203

4TH STREET UNDERPASS
1 LIGHTING PLAN
10/20/06

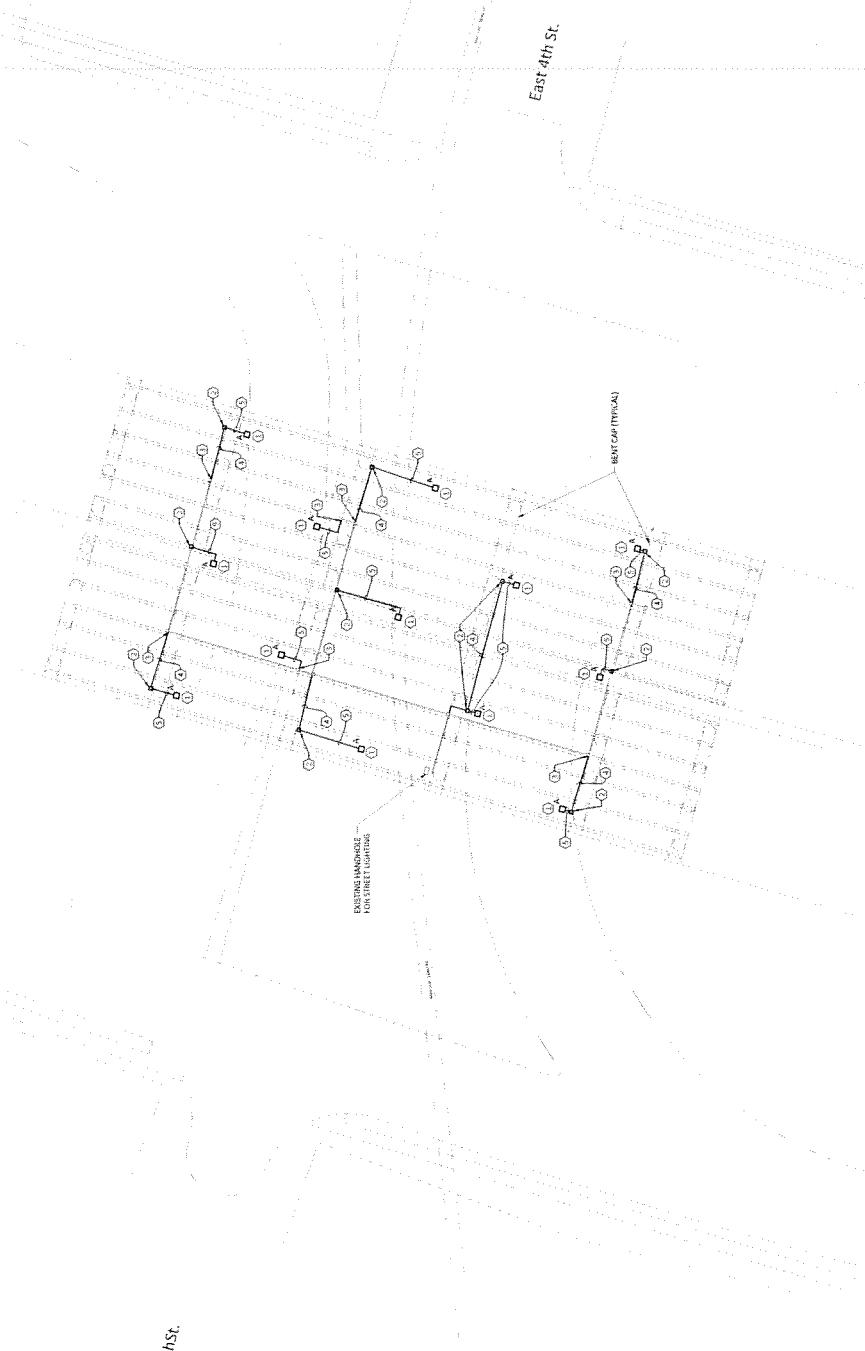


East 4th St.

EXISTING HANDHOLE
FOR STREET LIGHTS

BENT CAP (THIN)

1/8"





ENCOTECH
STRUCTURAL CONSULTANTS
1000 South Congress Avenue, Suite 1000
Austin, Texas 78701-3100
(512) 477-1111

Structural Engineers • Architects • Surveyors
Project Management • Construction Consulting
Geotechnical • Seismic • Foundation • Bridges • Retaining Walls
Tilt • Wind • Seismic • Construction Monitoring

NOTES
<p>1. CONSIDERATE OFFICE OF ACTIVE & YOUTH PROGRAMS, CITY OF AUSTIN & TEXAS ELECTRICAL CODES FOR LIGHTING. INCORPORATE THESE REQUIREMENTS IN THE DESIGN.</p> <p>2. COMMUNICATE WITH THE CITY OF AUSTIN, TEXAS, AND TEXAS ELECTRICAL COMMISSION, TEXAS STATE ELECTRICAL INSPECTION BOARD, AND TEXAS STATE PLANNING BOARD.</p>

GENERAL NOTES

1. UNDERPASS LIGHTING LUMENS SHALL BE DETERMINED AS PER THE SAME LEVEL OF EFFICIENCY AS THE EXISTING OVERHEAD LIGHTING. OVERHEAD LIGHTING SHALL BE SAME AS OVERHEAD LIGHTING ON THE PAVEMENT.
2. OVERHEAD LIGHTING MOUNTING HEIGHTS SHALL BE SAME AS OVERHEAD LIGHTING ON THE PAVEMENT.



COA UNDERPASS LIGHTING
Austin, Texas

DATE	SCALE
05/01/2011	1/100
PROJECT No. 140310000000	DRAWN BY:
F.M.	DATE DRAWN:
SOCIAL STREETS	DESIGNED BY:
7TH STREET UNDERPASS	SEAL DATE:
LIGHTING PLAN	7/1/2011
NOTE NUMBER:	

E205





ENCOTECH
ENGINEERING CONSULTANTS
1000 Parliament St., Suite #600
Anchorage, Alaska 99501-3348 510.21
FAX: 510.214.1465

COA UNDERPASSES LIGHTING
Austin, Texas

14

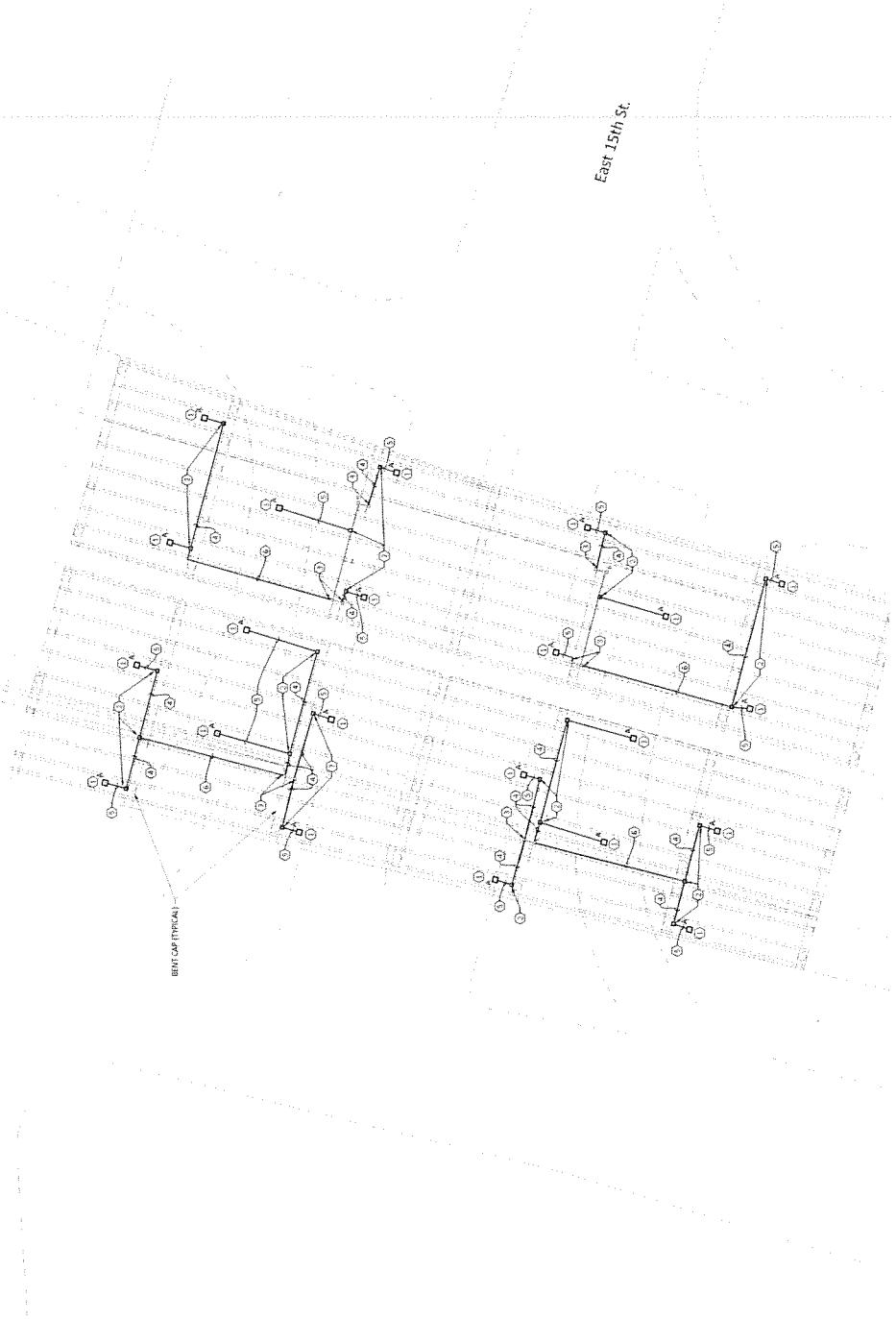
三

- | RULES | RELEVANT POINTS |
|--|---|
| 1. CONSIDERATE WHOLETY OF PLANT & DESIGN | 1. PLANNING FOR CIRCULAR LIGHTING, WATCHING ELECTRICAL EQUIPMENT, ETC. AS WELL AS ELECTRICAL SERVICES SUCH AS IDENTIFYING GROUNDS, AFFECTING PLANTS. |
| 2. CONSIDERABLE REQUIREMENTS FOR LIGHTING | 2. CONSIDERATION OF LONG TERM USE OF LIGHTING EQUIPMENT, ETC. BECAUSE OF HIGH COST OF LIGHTING EQUIPMENT AND HIGH COST OF LIGHTING FAULTS WHICH CAN CAUSE INJURIES OR DAMAGE TO PLANTS. |
| 3. ELECTRICAL EQUIPMENT SHOULD BE LOCATED | 3. MAKE ELECTRICAL CONNECTIONS IN NEW LIGHTING DESIGN AS EASILY AS POSSIBLE. |
| 4. PLUGS AND OUTLETS SHOULD BE LOCATED | 4. THE SITES FOR PLUGS AND OUTLETS SHOULD BE CHOSEN SO THAT THEY ARE EASILY REACHABLE BY PERSONNEL. |
| 5. PLUGS CONDUCT HIGH VOLTAGE SHOULD BE INCORPORATED | 5. PLUGS CONDUCT HIGH VOLTAGE SHOULD BE INCORPORATED IN PLUGS AND OUTLETS. |
| 6. DOUBLE GROUNDING SHOULD BE ADVISED | 6. DOUBLE GROUNDING SHOULD BE ADVISED TO SON OF BLACK COLOURS WITH TIE FOR GROUNDING OF MACHINERY ON THE WALL. |

PUNJAB PRESS PRINT

Austin, Texas

2



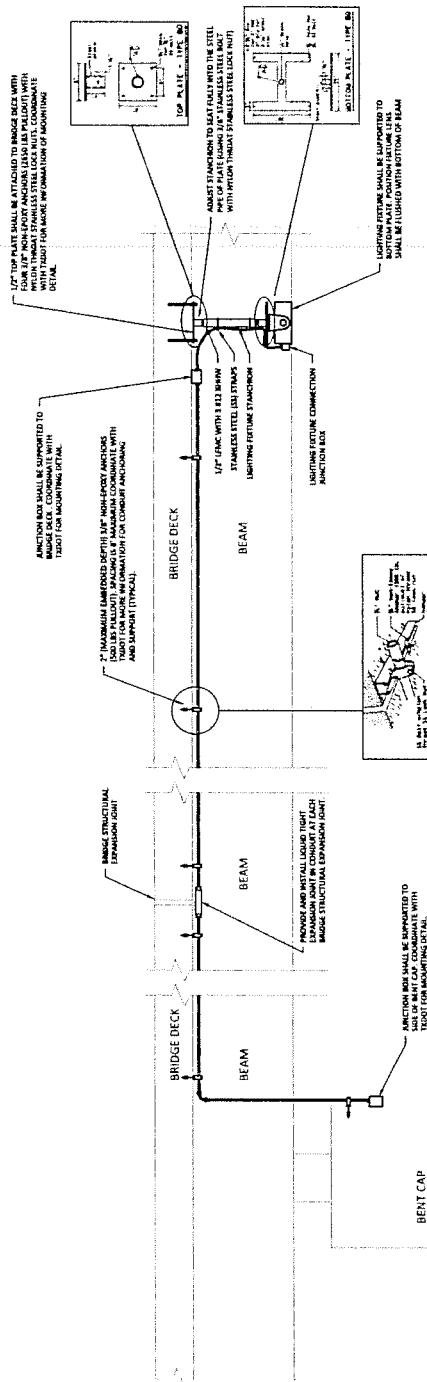
15TH STREET UNDERPASS LIGHTING PLAN

15TH STREET U
LIGHTING PLAN
12-27-05

1

**15TH STREET UNDERPASS
LIGHTING PLAN**

E207

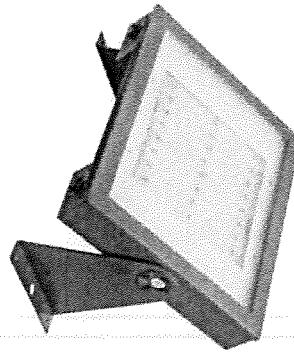


UNDERPASS LIGHTING FIXTURE MOUNTING DETAIL

UNDERPASS LIGHTING FIXTURE MOUNTING DETAIL

EXTERIOR LIGHTING FIXTURE SCHEDULE					
No.	MANUFACTURER	MODEL NO.	WATTAGE	LAMP TYPE	MOUNTING
A	KELTALL	DUL121201-KEL-100W-PCD/PCW	100W/777	110V-120V	SAT PLATE
B	KELTALL	DUL121211-KEL-100W-PCD/PCW	100W/777	110V-120V	SAT PLATE

NOTES:
1. PERMIT TO INSTALLATION CONTRACTOR TO COORDINATE LIGHTING FIXTURE FINAL LOCATION WITH OWNER.
2. COORDINATE WITH OWNERS FOR EXTERIOR LIGHTING FIXTURES LOCATIONS AND FINAL LOCATION.

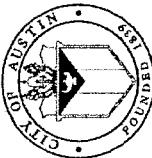


LIGHTING FIXTURE A & B
NFTB Spec

LIGHT

EXHIBIT C

PLANS AND SPECIFICATIONS



CITY OF AUSTIN

I-35 UNDERPASS LIGHTING
C.I.P. IDENTIFICATION NUMBER XXXX-XXX
90 % CONSTRUCTION DOCUMENT - PROGRESS SET
DATE: MARCH 27, 2015



KEY NOTES

www.NEB.

卷之三

LITY OF AUSTIN
AUSTIN, TEXAS

PROJECT MANAGER:

AUSTIN TRANSPORTATION DEPART-
MENT OF TRANSPORTATION, TEXAS

ENCOTECH ENGINEERING CONSULTANTS, INC.
1115 E. COOPER ST., SUITE 100
AUSTIN, TEXAS 78701-5100
PHONE: 512/974-4889

ELECTRICAL ENGINEER

ENCOTECH ENGINEERING CONSULTANTS, INC.
1115 E. COOPER ST., SUITE 100
AUSTIN, TEXAS 78701-5100
PHONE: 512/974-4889

SIGNATURE

גיטראן מא

- BUILDING CODES

卷之三

مکالمہ

卷之三

卷之三

T000



8200 Bellanca Lane, Suite # 103
Aurora, CO 80013-1131
(303) 755-2600

COA UNDERPASSES LIGHTING
Austin, Texas

Austin, Texas

524

REVIEWS

- WORKS, GARDEN, DRUGGISTS & BANKS, ETC.
SALVATION ARMY, GARDEN CITY, CONVENT, SMALL
COTTAGE, COTTAGE, COTTAGE, AND OTHER PLACES OF RESIDENCE,
AND VARIOUS ACTUAL OR PRED-
ICTED NOTICES.

PROGRESS PRINTER

E101

This is a detailed technical site plan for a utility relocation project. The map shows a network of existing and proposed utility lines, including gas, water, and electrical services. Key features include a gas main line, a water main line, and several electrical lines. Labels indicate 'EXISTING ELECTRICAL BOX' and 'BIN CAR (TYPICAL)'. Streets labeled are River St. and Jolly St. The plan also includes a legend and various symbols for utility poles, valves, and other infrastructure.

**HOLLY STREET UNDERPASS
DEMOLITION PLAN**





Engineering Consultants
P.O. Box 1000 • Austin, Texas 78763-1000
Phone: 512/444-1000 • Fax: 512/444-1001
E-mail: info@encotech.com

COA UNDERPASS LIGHTING

Austin, Texas

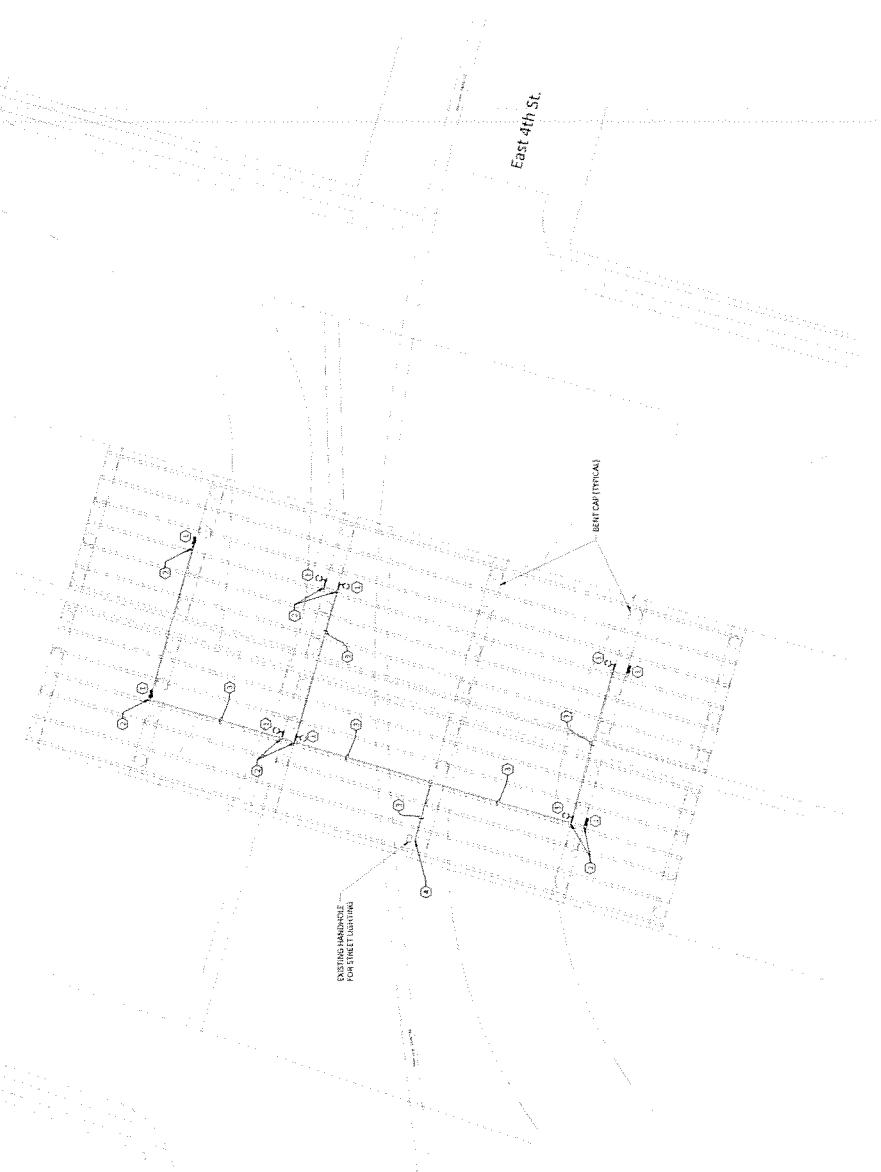
DEMOLITION PLAN

PROGRESS PRINT	PRINTED BY:

E103

NOTES	
1. REMOVE EXISTING HANDICAP RAILINGS, REMOVE ALL NON-STRUCTURAL CONCRETE, AND WALK BACK TO JUNCTION 2. REMOVING SECTION REINFORCED BEAM TO DEMAN. 3. EXISTING CONCRETE BEAMS FOR RESTING LIGHTS TO BE REMOVED. 4. EXISTING ELECTRICAL CONNECTION TO STREET LIGHTS TO BE REMOVED.	

ASKED NOTES	
1. REMOVE EXISTING HANDICAP RAILINGS, REMOVE ALL NON-STRUCTURAL CONCRETE, AND WALK BACK TO JUNCTION 2. REMOVING SECTION REINFORCED BEAM TO DEMAN. 3. EXISTING CONCRETE BEAMS FOR RESTING LIGHTS TO BE REMOVED. 4. EXISTING ELECTRICAL CONNECTION TO STREET LIGHTS TO BE REMOVED.	



4TH STREET UNDERPASS
DEMOLITION PLAN



hSt.



ENCOTECH
ENGINEERING CONSULTANTS
1000 W. MCKEEAN, SUITE 100
SAN ANTONIO, TEXAS 78216
(210) 467-1111

NOTES
1. WORK SHOWN ON DRAWINGS IS APPROXIMATELY 1/4 INCH TO THE INCH. SITES AND DIMENSIONS ARE NOT DRAWN TO SCALE. AND ARE NOT DETAILED. 2. DRAWINGS ARE FOR INFORMATION ONLY.

NOTES
1. INDICATE EXISTING CONDITIONS IN LIGHT HUE OF ALL ASSOCIATED CIRCUITS AND WIRE BACK TO FUNCTION. 2. DURING DEMOLITION DO NOT DAMAGE THE REAR. 3. PAVING CONCRETE WITH WIRING OR TRACING LIGHTS TO REMAIN.

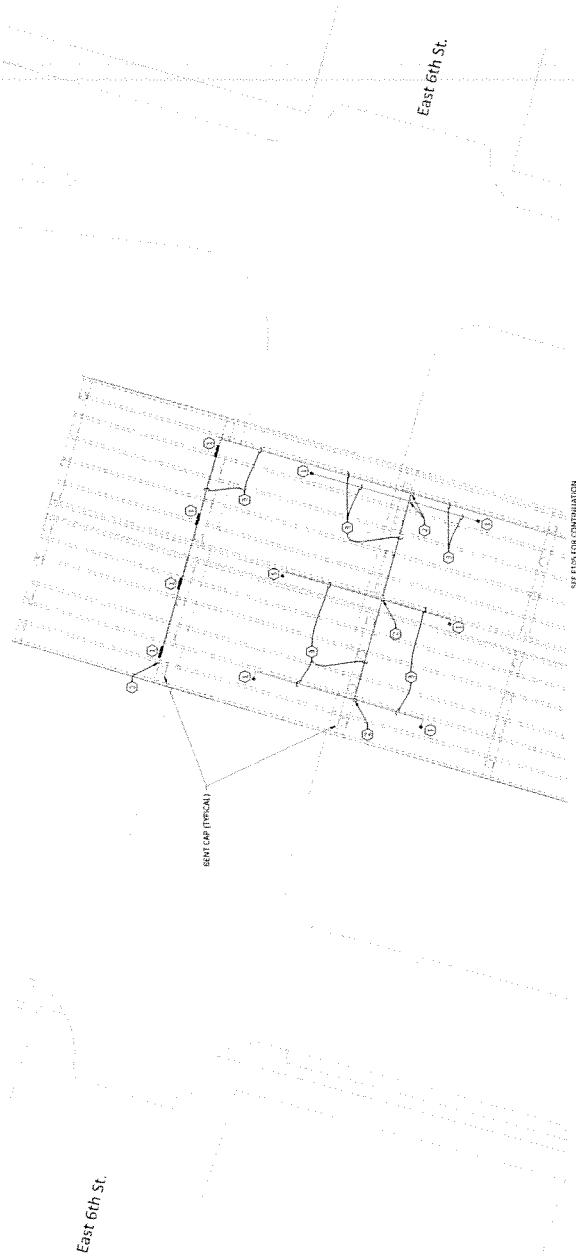
COA UNDERPASS LIGHTING

Austin, Texas

PROGRESS PRINT
PRINTED ON 12/22/2013
BY ENCOTECH ENGINEERING CONSULTANTS, INC.

REF ID:	142107	DATE:	12/22/2013
FILE NUMBER:	142107	PRINT NUMBER:	1
DESIGNER:	BRADLEY	REVISER:	
DATE:	12/22/2013	SPR:	

SECTION
SHEET NUMBER:
E104



6TH STREET UNDERPASS
1-30-10





ENCOTECH
ENGINEERING CONSULTANTS
1000 Balfourton Court, Suite # 100
Austin, Texas 78750 | 512.346.1321
Fax: 512.346.1325

COA UNDERPASSES LIGHTING Austin, Texas

140

- WORK SHOWN ON DEMOLITION PLAN IS BASED ON SITE OBSERVATION ONLY. CONTRACTOR SHALL SURVEY EXISTING CONDITIONS PRIOR TO BEGGINING AND VERIFY FACILITY IS AS RELATED.

KEYED NOTES

- REMOVE EXISTING LIGHTING FIXTURE, REMOVE ALL ASSOCIATED CEMENT AND WIRE BACK TO NURSEMAN BOX.
KEEPING JUNCTION BOX DRY AND TO REMAIN EXPOSING CORNERS WITH WARNING FOR EXISTING ASPECTS OF REMANA.

PROGRESS PRINTER

卷之三

E105

THE COTTAGE JOURNAL

SUSPENSION CABLE

HANGER CABLE

VERTICAL MEMBER

TOWER

ANCHOR

PILE FOUNDATION

BENT CAP (FRAMED)

East 7th St.

**7TH STREET UNDERPASS
DEMOLITION PLAN**





ENCOTECH
ENGINEERING CONSULTANTS
CADD 12 UNDERPASS LIGHTING
TYPE I
SHEET NUMBER: 1 OF 1
DATE: 02/27/2013
SHEET TITLE: 8TH STREET UNDERPASS
DEMOLITION PLAN
SHEET NUMBER: E106

COA UNDERPASS LIGHTING

Austin, Texas

NOTES

- WIRING SHOWN ON GUARDRAIL AND DRAINED ON SIDE FOR MAINTENANCE CONTRACTOR TO SEAL AND REPAIR FAULTS, INSULATION
- EMERGENCY LIGHTING TO REMAIN
- EMERGENCY CONCRETE ROCK DRUMMANT WITH AIRING FOR EXITING LIGHTS TO RELEASE.

NOTED Holes



SEE ELEV FOR CONTINUATION

East 8th St.

East 8th St.

8TH STREET UNDERPASS
1
DEMOLITION PLAN
1' - 0" 20' - 0"



REF:	SECTION	DATA
1	SECTION	8TH STREET UNDERPASS DEMOLITION PLAN
	P.I.N.	100-000000000000000000000000000000
	DATE BY:	02/27/2013
	DATE ISSUED:	02/27/2013
	SHEET TITLE:	8TH STREET UNDERPASS DEMOLITION PLAN
	SHEET NUMBER:	E106



ENCOTECH
ENGINEERING CONSULTANTS
1000 University Street, Suite 1200
Seattle, Washington 98101
(206) 467-5100

NOTES
1. WORKS ON DEMOLITION CONTRACT BASED ON SITE SURVEY AND CONTRACT DRAWINGS. 2. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS AND FEES ACTUAL OR ALLEGED.

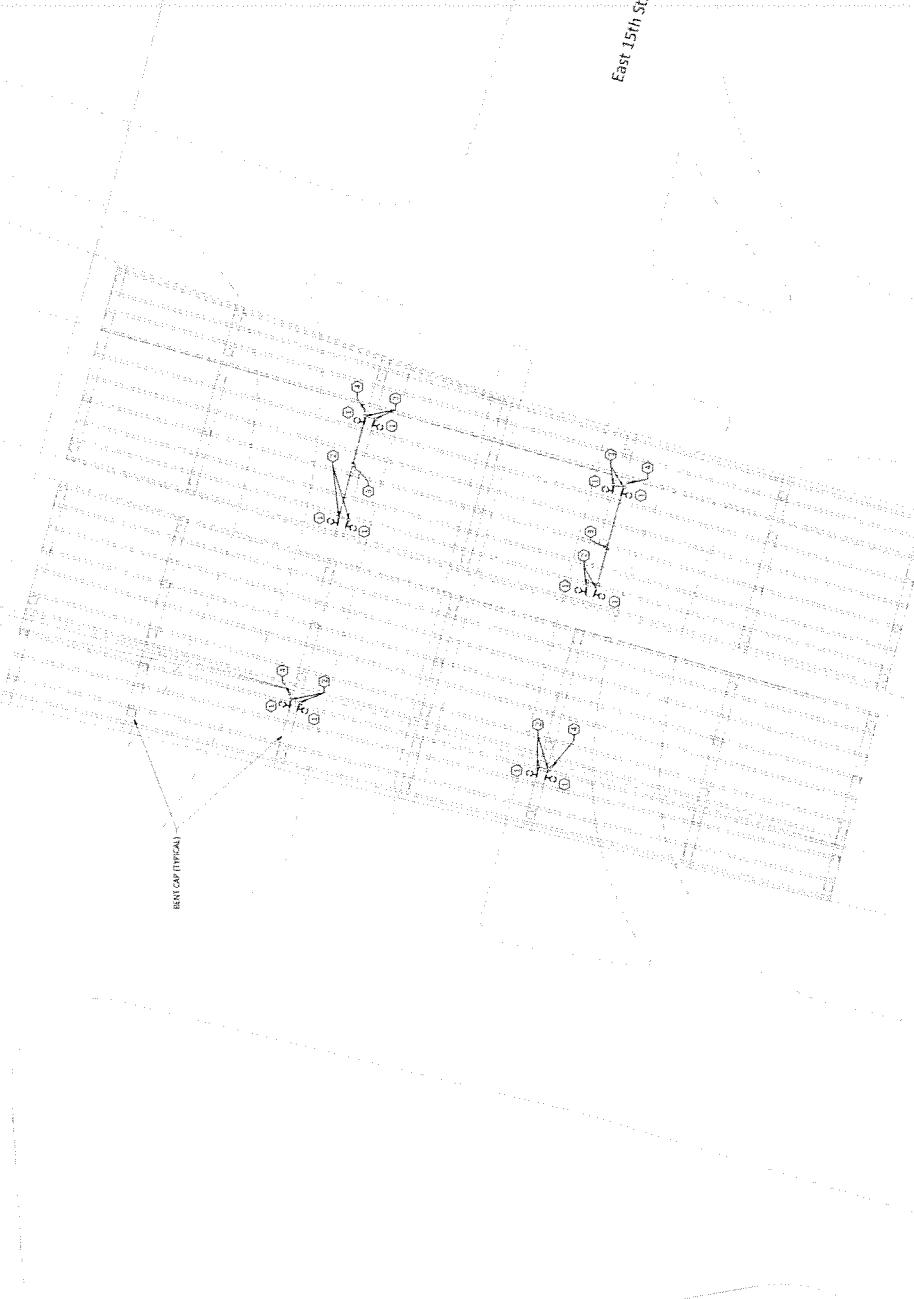
CALED NOTES
1. PLACE EXISTING LIGHTING FIXTURES, REMOVE ALL ADDED CIRCUIT AND WIRE BACK TO INC. BOX EACH SIDE OF DEMOLITION REACH. 2. EXISTING CIRCUITS WITHIN REACH TURN OFF EXISTING LIGHTS TO REACH. 3. EXISTING ELECTRICAL CONNECTIONS FROM UNDERPASS LIGHT TO FAIRWAY LIGHTING SERVICE TO REACH.

COA UNDERPASS LIGHTING

Austin, Texas



East 15th St.



15TH STREET UNDERPASS
DEMOLITION PLAN



1

PROJECT NUMBER: 1000
DRAWN BY: J.D. COOPER
DATE: 07/27/2013
TITLE: 15TH STREET UNDERPASS
DEMOLITION PLAN
SHEET NUMBER:

E107



ENCOTECH
ENGINEERING CONSULTANTS
1901 South Congress Avenue • Suite 200 • Austin, Texas 78704-3124
Phone: (512) 477-1134 • Fax: (512) 477-1135
E-mail: info@encotech.com

COA UNDERPASS LIGHTING

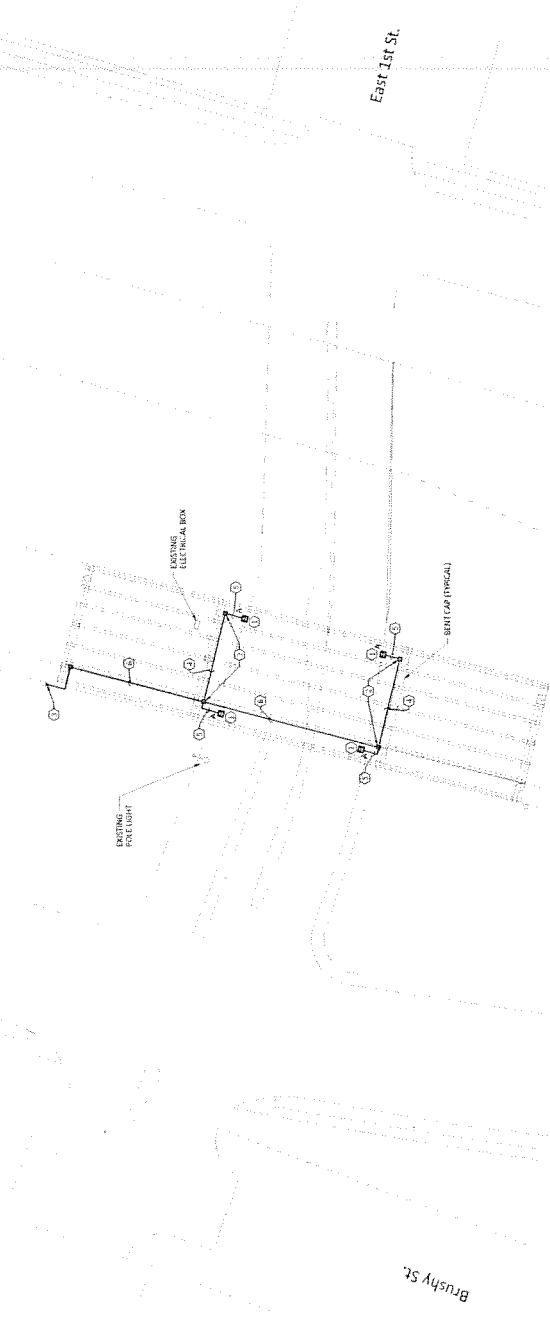
Austin, Texas

NOTES

1. COORDINATE INDICATED AS EAST & NORTH FROM THE EXISTING POLE LIGHT. ALL LOCATIONS ARE TO BE DETERMINED BY COORDINATES PROVIDED IN THIS DRAWING.
2. COORDINATE REQUIREMENTS FOR LIGHTING LOCATIONS WILL BE KEPT MANUFACTURER'S DETAILS.

KEYED NOTES

1. UNDERPASS LIGHTING TYPICAL WALL MOUNTED FLUORESCENT BELL SHAPED OR SPOTLIGHT FIXTURE. COORDINATE INDICATED AS EAST & NORTH FROM THE EXISTING POLE LIGHT. ALL LOCATIONS ARE TO BE DETERMINED BY COORDINATES PROVIDED IN THIS DRAWING.
2. MOUNTING HEIGHTS SHALL BE CONSIDERED WHEN PLACING THESE LIGHTING UNITS.
3. MAIN ELECTRICAL CONNECTION FOR NEW LIGHTS TO EXISTING CIRCUIT. EXISTING CIRCUIT TO BE IDENTIFIED WITH MARKERS.
4. 12V RAIL-TO-RAIL WIRELESS SMALL REMOTE CONTROL FOR EACH CAR. REMOTE SHALL BE CONNECTED TO EACH CAR INDIVIDUALLY WITH XANTIGI CAR CONDUIT.
5. A 12V POWER SOURCE FOR EACH CAR. SMALL REMOTE CONTROL FOR EACH CAR. REMOTE SHALL BE CONNECTED TO EACH CAR INDIVIDUALLY WITH XANTIGI CAR CONDUIT.
6. 12V GND CONDUIT WITH WIRE SHALL BE MOUNTED ON THE EXISTING POLE LIGHT. SEE DRAWING FOR MOUNTING DETAILS.



1
1ST STREET UNDERPASS
LIGHTING PLAN
1'-0" 20'-0"
Bridgeway

No.	Date	Sheet No.
1	12/10/2003	1
2	12/10/2003	2
3	12/10/2003	3
4	12/10/2003	4
5	12/10/2003	5
6	12/10/2003	6
7	12/10/2003	7
8	12/10/2003	8
9	12/10/2003	9
10	12/10/2003	10
11	12/10/2003	11
12	12/10/2003	12
13	12/10/2003	13
14	12/10/2003	14
15	12/10/2003	15
16	12/10/2003	16
17	12/10/2003	17
18	12/10/2003	18
19	12/10/2003	19
20	12/10/2003	20
21	12/10/2003	21
22	12/10/2003	22
23	12/10/2003	23
24	12/10/2003	24
25	12/10/2003	25
26	12/10/2003	26
27	12/10/2003	27
28	12/10/2003	28
29	12/10/2003	29
30	12/10/2003	30
31	12/10/2003	31
32	12/10/2003	32
33	12/10/2003	33
34	12/10/2003	34
35	12/10/2003	35
36	12/10/2003	36
37	12/10/2003	37
38	12/10/2003	38
39	12/10/2003	39
40	12/10/2003	40
41	12/10/2003	41
42	12/10/2003	42
43	12/10/2003	43
44	12/10/2003	44
45	12/10/2003	45
46	12/10/2003	46
47	12/10/2003	47
48	12/10/2003	48
49	12/10/2003	49
50	12/10/2003	50
51	12/10/2003	51
52	12/10/2003	52
53	12/10/2003	53
54	12/10/2003	54
55	12/10/2003	55
56	12/10/2003	56
57	12/10/2003	57
58	12/10/2003	58
59	12/10/2003	59
60	12/10/2003	60
61	12/10/2003	61
62	12/10/2003	62
63	12/10/2003	63
64	12/10/2003	64
65	12/10/2003	65
66	12/10/2003	66
67	12/10/2003	67
68	12/10/2003	68
69	12/10/2003	69
70	12/10/2003	70
71	12/10/2003	71
72	12/10/2003	72
73	12/10/2003	73
74	12/10/2003	74
75	12/10/2003	75
76	12/10/2003	76
77	12/10/2003	77
78	12/10/2003	78
79	12/10/2003	79
80	12/10/2003	80
81	12/10/2003	81
82	12/10/2003	82
83	12/10/2003	83
84	12/10/2003	84
85	12/10/2003	85
86	12/10/2003	86
87	12/10/2003	87
88	12/10/2003	88
89	12/10/2003	89
90	12/10/2003	90
91	12/10/2003	91
92	12/10/2003	92
93	12/10/2003	93
94	12/10/2003	94
95	12/10/2003	95
96	12/10/2003	96
97	12/10/2003	97
98	12/10/2003	98
99	12/10/2003	99
100	12/10/2003	100
101	12/10/2003	101
102	12/10/2003	102
103	12/10/2003	103
104	12/10/2003	104
105	12/10/2003	105
106	12/10/2003	106
107	12/10/2003	107
108	12/10/2003	108
109	12/10/2003	109
110	12/10/2003	110
111	12/10/2003	111
112	12/10/2003	112
113	12/10/2003	113
114	12/10/2003	114
115	12/10/2003	115
116	12/10/2003	116
117	12/10/2003	117
118	12/10/2003	118
119	12/10/2003	119
120	12/10/2003	120
121	12/10/2003	121
122	12/10/2003	122
123	12/10/2003	123
124	12/10/2003	124
125	12/10/2003	125
126	12/10/2003	126
127	12/10/2003	127
128	12/10/2003	128
129	12/10/2003	129
130	12/10/2003	130
131	12/10/2003	131
132	12/10/2003	132
133	12/10/2003	133
134	12/10/2003	134
135	12/10/2003	135
136	12/10/2003	136
137	12/10/2003	137
138	12/10/2003	138
139	12/10/2003	139
140	12/10/2003	140
141	12/10/2003	141
142	12/10/2003	142
143	12/10/2003	143
144	12/10/2003	144
145	12/10/2003	145
146	12/10/2003	146
147	12/10/2003	147
148	12/10/2003	148
149	12/10/2003	149
150	12/10/2003	150
151	12/10/2003	151
152	12/10/2003	152
153	12/10/2003	153
154	12/10/2003	154
155	12/10/2003	155
156	12/10/2003	156
157	12/10/2003	157
158	12/10/2003	158
159	12/10/2003	159
160	12/10/2003	160
161	12/10/2003	161
162	12/10/2003	162
163	12/10/2003	163
164	12/10/2003	164
165	12/10/2003	165
166	12/10/2003	166
167	12/10/2003	167
168	12/10/2003	168
169	12/10/2003	169
170	12/10/2003	170
171	12/10/2003	171
172	12/10/2003	172
173	12/10/2003	173
174	12/10/2003	174
175	12/10/2003	175
176	12/10/2003	176
177	12/10/2003	177
178	12/10/2003	178
179	12/10/2003	179
180	12/10/2003	180
181	12/10/2003	181
182	12/10/2003	182
183	12/10/2003	183
184	12/10/2003	184
185	12/10/2003	185
186	12/10/2003	186
187	12/10/2003	187
188	12/10/2003	188
189	12/10/2003	189
190	12/10/2003	190
191	12/10/2003	191
192	12/10/2003	192
193	12/10/2003	193
194	12/10/2003	194
195	12/10/2003	195
196	12/10/2003	196
197	12/10/2003	197
198	12/10/2003	198
199	12/10/2003	199
200	12/10/2003	200
201	12/10/2003	201
202	12/10/2003	202
203	12/10/2003	203
204	12/10/2003	204
205	12/10/2003	205
206	12/10/2003	206
207	12/10/2003	207
208	12/10/2003	208
209	12/10/2003	209
210	12/10/2003	210
211	12/10/2003	211
212	12/10/2003	212
213	12/10/2003	213
214	12/10/2003	214
215	12/10/2003	215
216	12/10/2003	216
217	12/10/2003	217
218	12/10/2003	218
219	12/10/2003	219
220	12/10/2003	220
221	12/10/2003	221
222	12/10/2003	222
223	12/10/2003	223
224	12/10/2003	224
225	12/10/2003	225
226	12/10/2003	226
227	12/10/2003	227
228	12/10/2003	228
229	12/10/2003	229
230	12/10/2003	230
231	12/10/2003	231
232	12/10/2003	232
233	12/10/2003	233
234	12/10/2003	234
235	12/10/2003	235
236	12/10/2003	236
237	12/10/2003	237
238	12/10/2003	238
239	12/10/2003	239
240	12/10/2003	240
241	12/10/2003	241
242	12/10/2003	242
243	12/10/2003	243
244	12/10/2003	244
245	12/10/2003	245
246	12/10/2003	246
247	12/10/2003	247
248	12/10/2003	248
249	12/10/2003	249
250	12/10/2003	250
251	12/10/2003	251
252	12/10/2003	252
253	12/10/2003	253
254	12/10/2003	254
255	12/10/2003	255
256	12/10/2003	256
257	12/10/2003	257
258	12/10/2003	258
259	12/10/2003	259
260	12/10/2003	260
261	12/10/2003	261
262	12/10/2003	262
263	12/10/2003	263
264	12/10/2003	264
265	12/10/2003	265
266	12/10/2003	266
267	12/10/2003	267
268	12/10/2003	268
269	12/10/2003	269
270	12/10/2003	270
271	12/10/2003	271
272	12/10/2003	272
273	12/10/2003	273
274	12/10/2003	274
275	12/10/2003	275
276	12/10/2003	276
277	12/10/2003	277
278	12/10/2003	278
279	12/10/2003	279
280	12/10/2003	280
281	12/10/2003	281
282	12/10/2003	282
283	12/10/2003	283
284	12/10/2003	284
285	12/10/2003	285
286	12/10/2003	286
287	12/10/2003	287
288	12/10/2003	288
289	12/10/2003	289
290	12/10/2003	290
291	12/10/2003	291
292	12/10/2003	292
293	12/10/2003	293
294	12/10/2003	294
295	12/10/2003	295
296	12/10/2003	296
297	12/10/2003	297
298	12/10/2003	298



ENCOTECH
ENGINEERING CONSULTANTS
1000 Bushnell Drive, Suite B-100
Austin, Texas 78758-3101
(512) 444-2215
Project Fax: 713/630-4445

COA UNDERPASSED LIGHTING Austin, Texas

148

- COORDINATE WITH CITY OF AUSTIN & INDIVIDUAL PERSONNEL FOR EACH LOCATION, RESURVEYING HEIGHT, AND SPACE REQUIREMENTS WITH ALL ELECTRICAL DESIGNERS SUCH AS LIGHTING, COMFORT, FUNCTIONAL, ETC., ETC.
 - ECONOMICAL REQUIREMENTS FOR LOCATIONS
 - ECONOMICAL SETTING FOR EACH MASSIVE TOWER.

KEYED MJ53

- UNLESS AND OTHERWISE STATED, ALL INFORMATION CONTAINED HEREIN IS UNPUBLISHED
AND IS THE PROPERTY OF THE COMPANY. IT IS TO BE KEPT CONFIDENTIAL.
CONSIDERATION HAS BEEN PAID FOR THIS INFORMATION.**

**WEATHER FORECAST INFORMATION SHALL BE ACCURATE
TO THE BEST OF THE COMPANY'S KNOWLEDGE.
MOUNTAIN DETAILS**

**WEATHER FORECAST INFORMATION SHALL BE ACCURATE
TO THE BEST OF THE COMPANY'S KNOWLEDGE.
MOUNTAIN DETAILS**

**MARINE FORECASTS ARE PROVIDED AS A GUIDE ONLY.
MARINE FORECASTS ARE PROVIDED AS A GUIDE ONLY.**

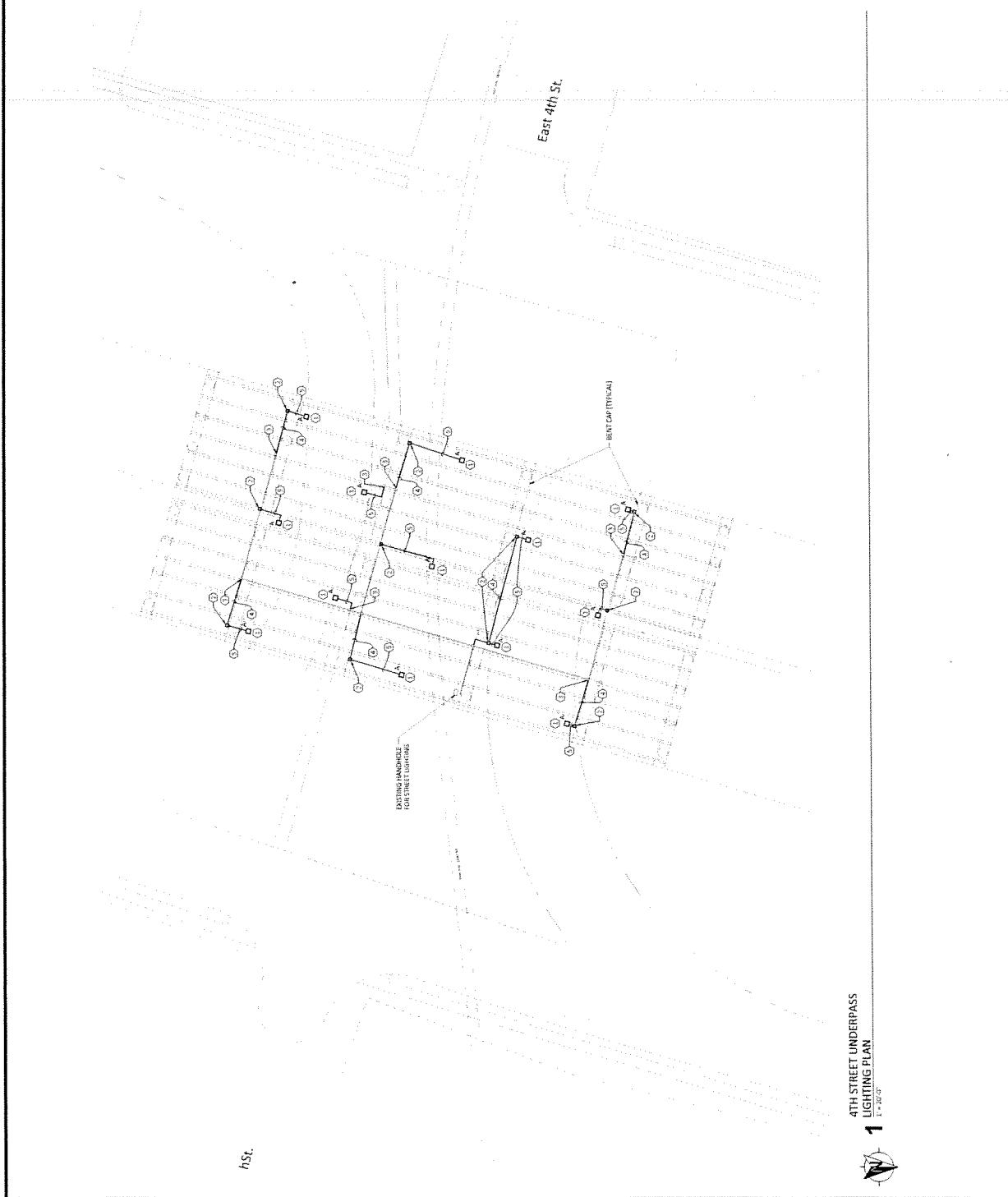
EXCLUDING FACTION TEAM

**10% HOGGARD CARGO CAPACITY WITH WEIGHT SHALL BE MAINTAINED.
10% SUGAR CARGO CAPACITY WITH WEIGHT SHALL BE MAINTAINED.
CARGO INCARCERATION FAILS.**

**10% HOGGARD CARGO CAPACITY WITH WEIGHT SHALL BE MAINTAINED.
10% SUGAR CARGO CAPACITY WITH WEIGHT SHALL BE MAINTAINED.
CARGO INCARCERATION FAILS.**

PROGRESS PRIZE

**4TH STREET UNDERPASS
LIGHTING PLAN**



531 MARY G.

- NEED TO FIX IT?**
UNPLUG AND LIGHTING TUBE(S) WHILE SUSPENDED
FROM BRIDGE OR BOTTOM CLIP IN TUBE.
IF BULB IS BRIGHT, LEVEL THE TUBE AND RE-
ATTACH TO THE BRIDGE OR BOTTOM CLIP.
IF BULB IS FAINT, TURN THE TUBE 90 DEGREES.
IF BULB IS FAINT, TURN THE TUBE 90 DEGREES.
IF BULB IS FAINT, TURN THE TUBE 90 DEGREES.
IF BULB IS FAINT, TURN THE TUBE 90 DEGREES.

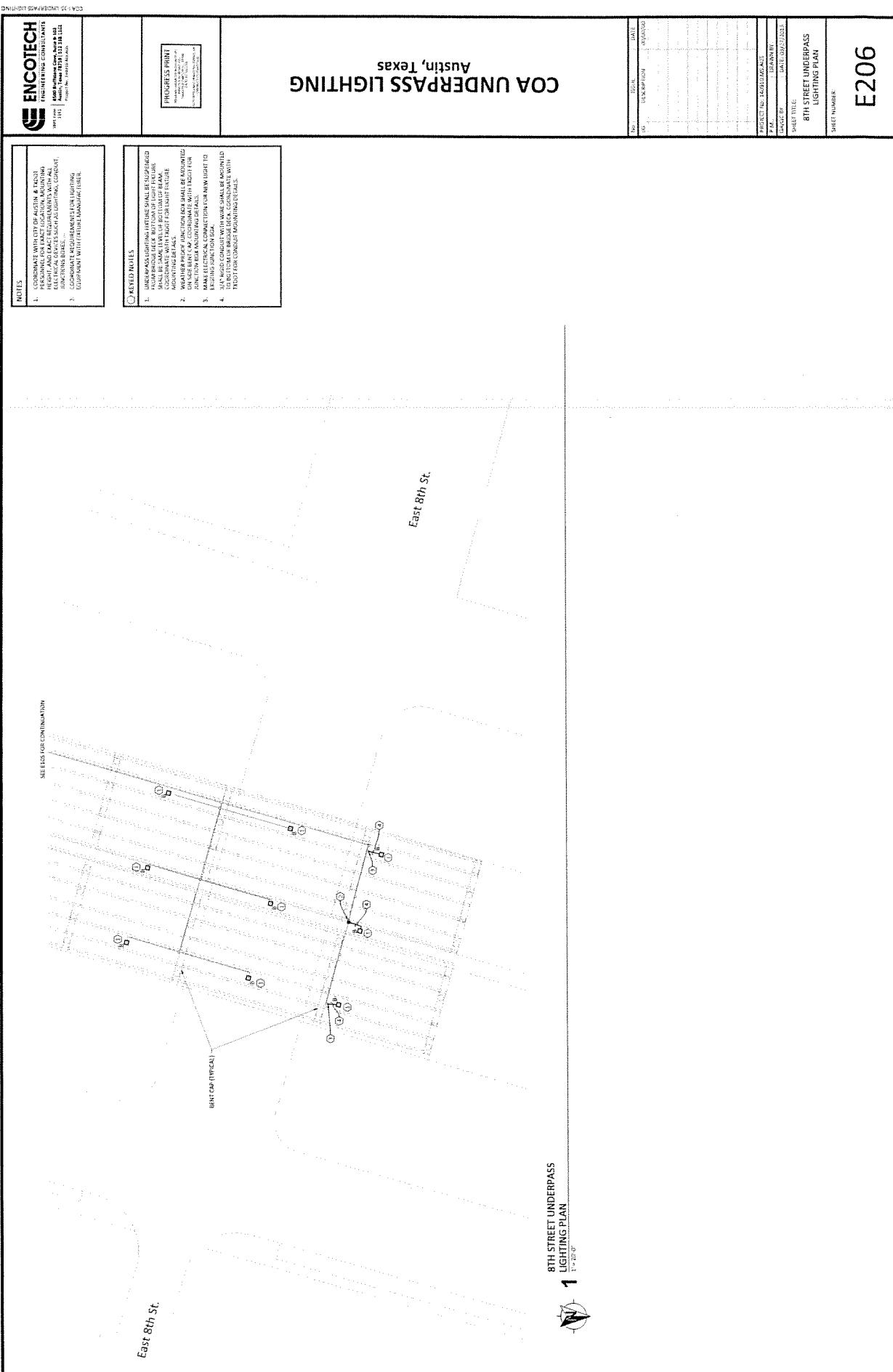
East 6th St

www.ijerph.org

**5TH STREET UNDERPASS
LIGHTING PLAN**

1

E204





ENCOTECH
Engineering Consultants

1000 South Congress Avenue
Austin, Texas 78701
(512) 477-1110

NOTES

GENERAL NOTES

1. COORDINATE GRID SYSTEM OF ACTUAL & PROPOSED FEATURES FOR EACH LOCATION, MOUNTING HEIGHT AND SPACING OF LIGHT FIXTURES TO BE CONSIDERED WITH RESPECT TO LIGHTING LEVELS.
2. WHETHER A STREET UNDERPASS IS TO BE MOUNTED ON THE EXISTING ROADWAY OR ON THE NEWLY CONSTRUCTED ROADS.
3. COORDINATE GRID SYSTEM OF ACTUAL & PROPOSED FEATURES FOR EACH LOCATION, MOUNTING HEIGHT AND SPACING OF LIGHT FIXTURES TO BE CONSIDERED WITH RESPECT TO LIGHTING LEVELS.



PROGRESS DRAFT
NOT FOR CONSTRUCTION
NOT FOR APPROVAL
NOT FOR RECORD

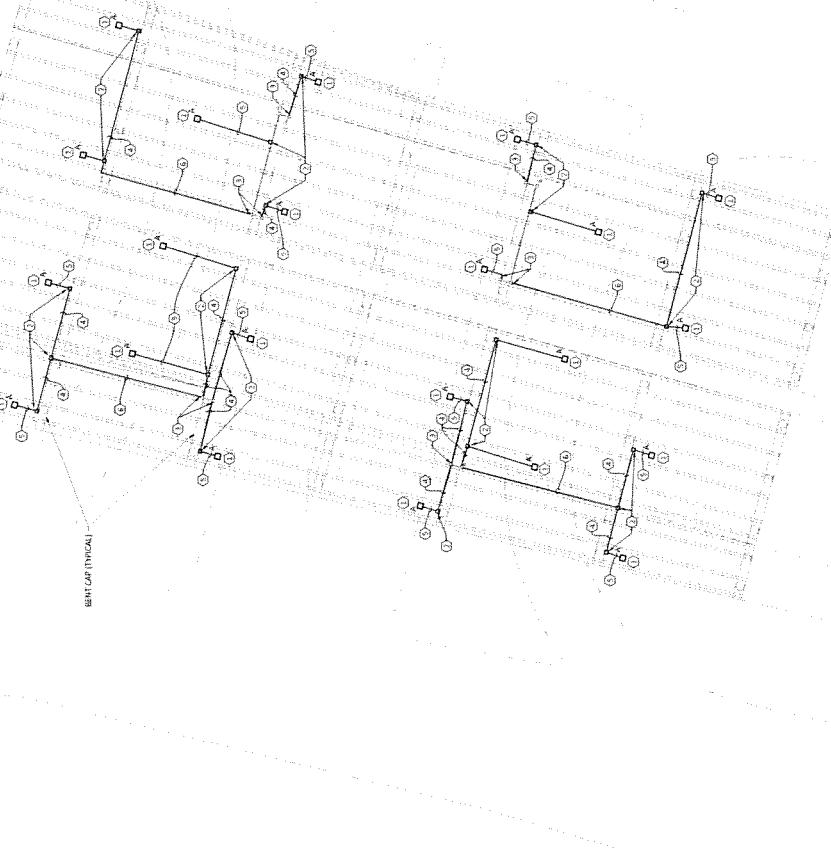
COA UNDERPASS LIGHTING

Austin, Texas

NAME	DATE
ENCOTECH	10/20/02

E207

East 15th St.



15TH STREET UNDERPASS
LIGHTING PLAN
1 1 • 20' 0"



NAME	DATE
ENCOTECH	10/20/02

NAME	DATE
ENCOTECH	10/20/02

NAME	DATE
ENCOTECH	10/20/02

NAME	DATE
ENCOTECH	10/20/02

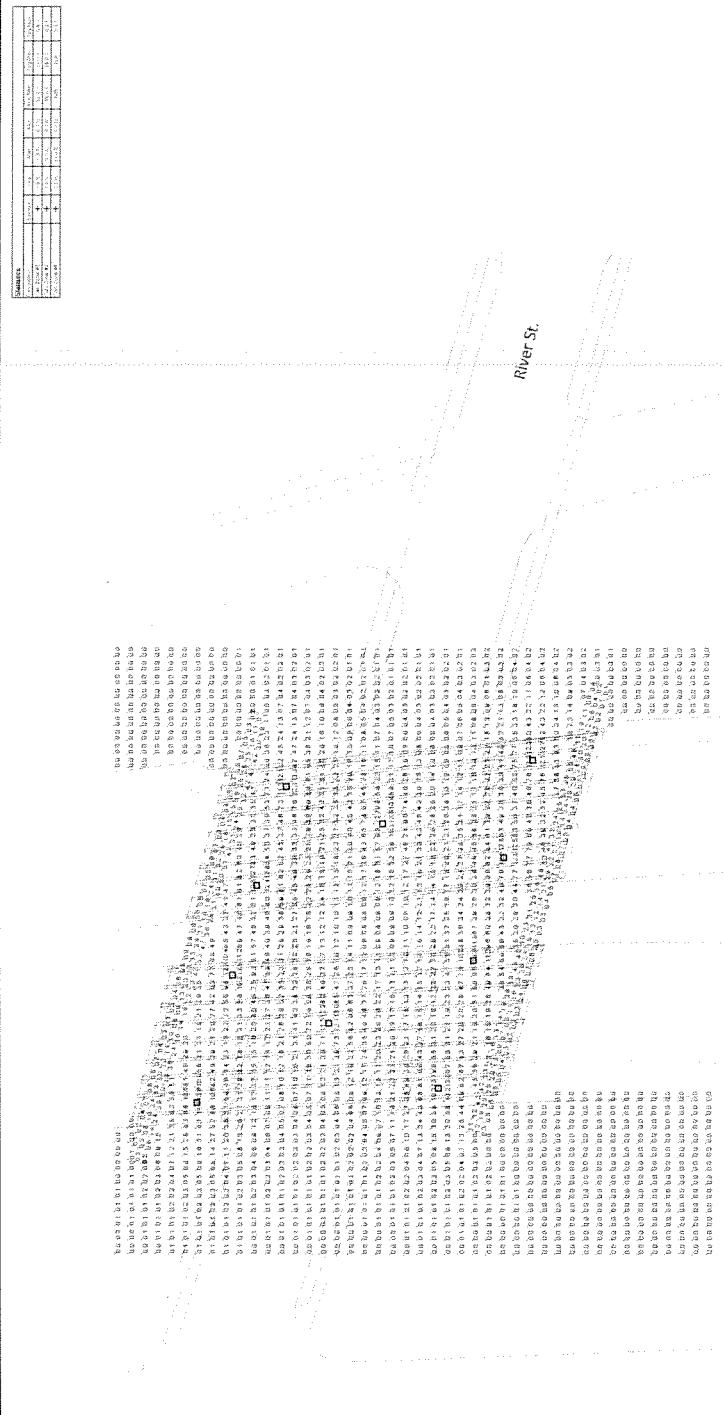


Engineering Consultants
Austin, Texas
Project Management • Land Surveying • Civil Engineering
Architectural • Structural • Geotechnical • Environmental



CDA UNDERPASS LIGHTING

Austin, Texas



HOLY STREET UNDERPASS
PHOTOMETRIC PLAN



1

1x 20' G

No.	Date	Drawn By
1	10/22/2015	REED
2	10/22/2015	REED
3	10/22/2015	REED

E301



ENCOTECH

Engineering Consultants
1000 University Street, Suite 1000
Seattle, Washington 98101-3144
Phone: (206) 467-1144
Fax: (206) 467-1145PROGRESS TRAC
Engineering & Construction
Management Services
1000 University Street, Suite 1000
Seattle, Washington 98101-3144
Phone: (206) 467-1144
Fax: (206) 467-1145

COA UNDERPASS LIGHTING

Austin, Texas

East 1st St.

Brushy St.

1 1ST STREET UNDERPASS PHOTOMETRIC PLAN

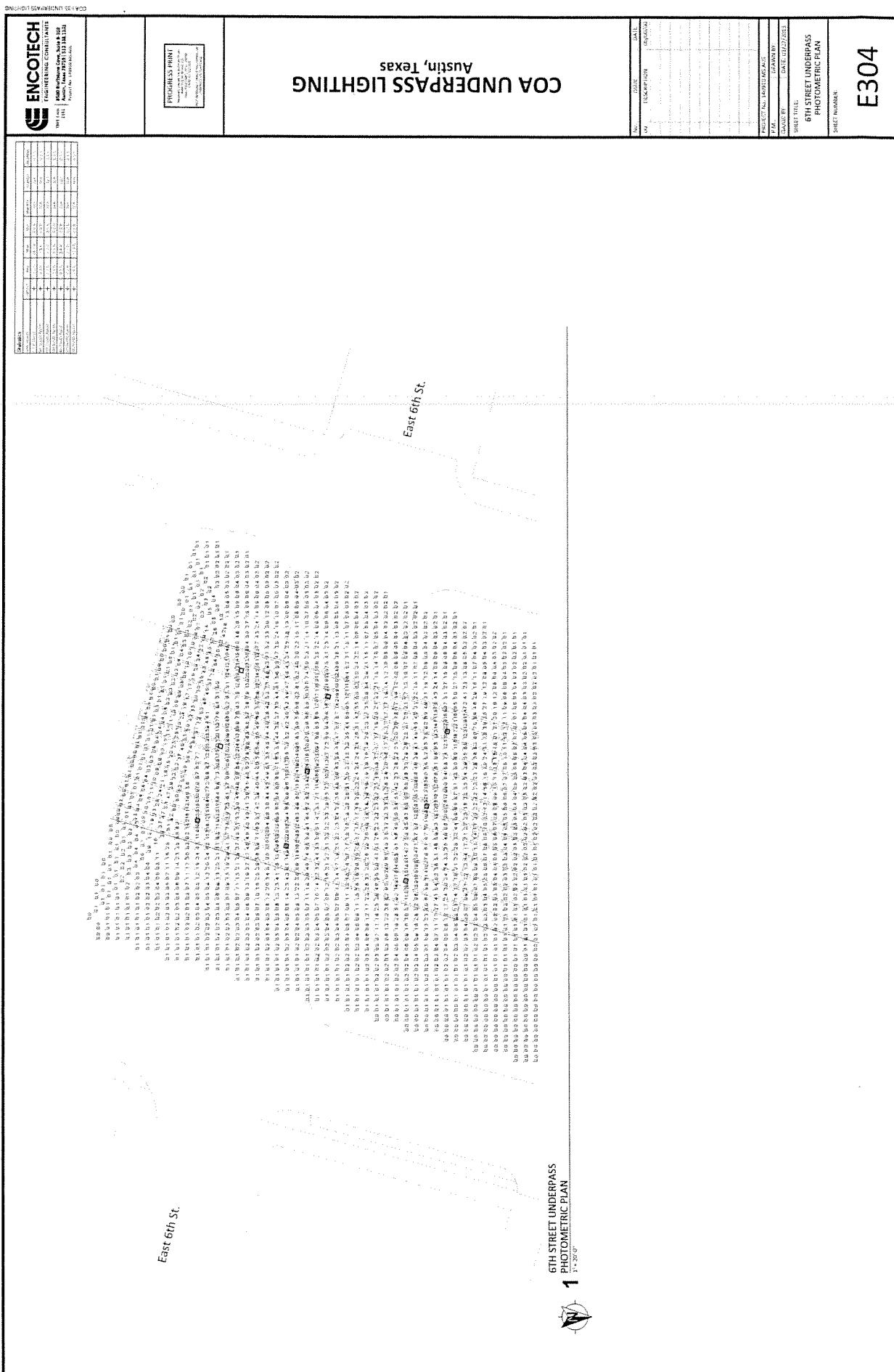


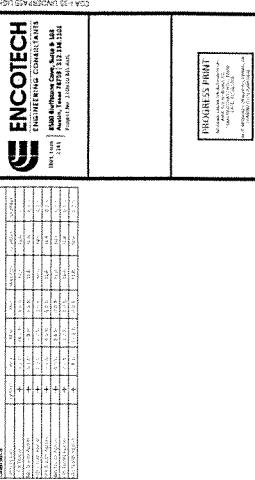
No.	Date	Description
1	04/02/2012	PROGRESS TRAC
2	04/02/2012	ENCOTECH
3	04/02/2012	1ST STREET UNDERPASS
4	04/02/2012	PHOTOMETRIC PLAN
5	04/02/2012	Scanned by [Signature]

E302



**4TH STREET UNDERPASS
PHOTOMETRIC PLAN**





COA UNDERPASSES LIGHTING
Austin, Texas

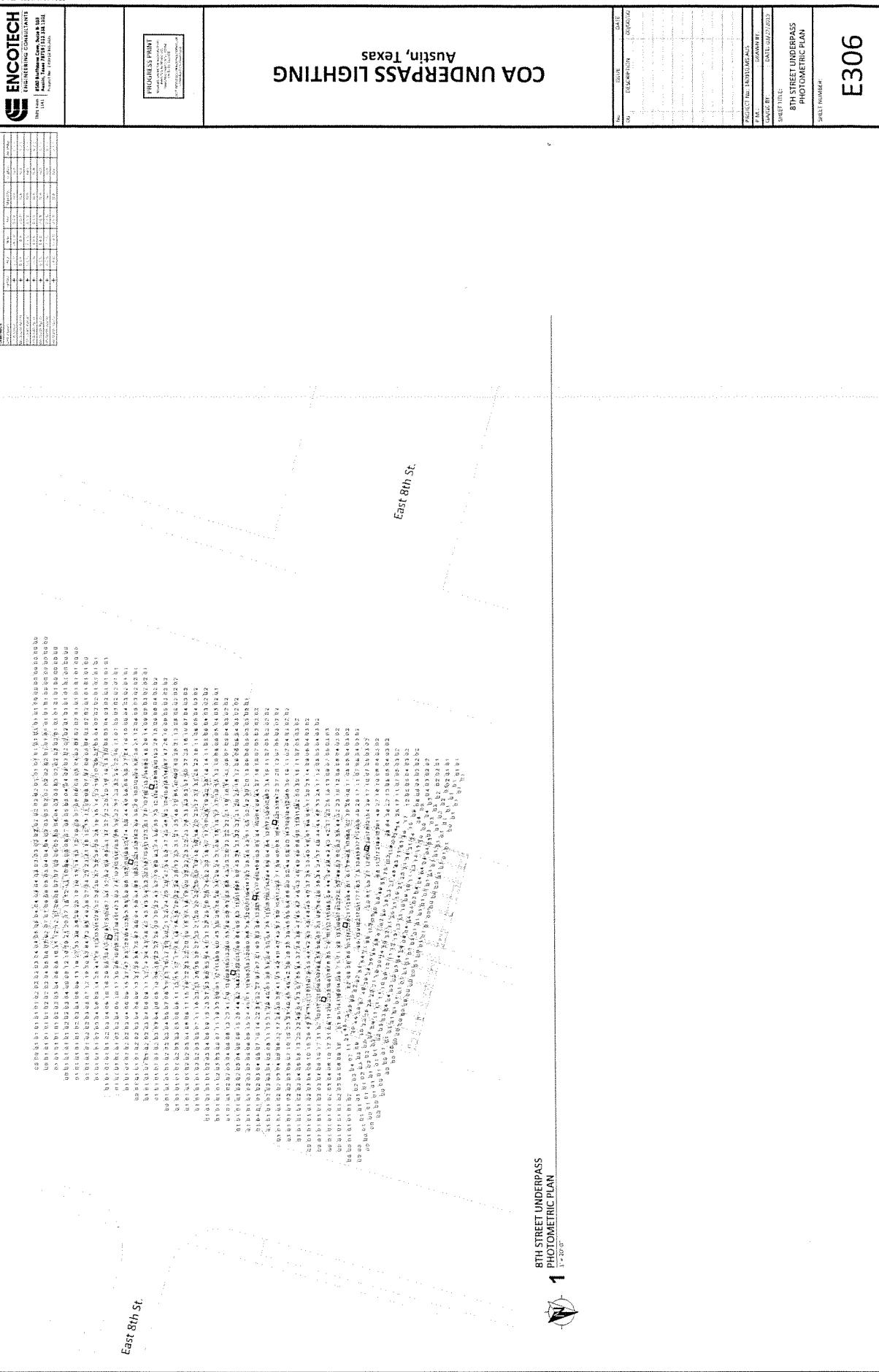
East 7th St.

7TH STREET UNDERPASS
PHOTOMETRIC PLAN

1

E305
 PROJECT No. 142857-001
 F.M. LARSON & CO.
 142857-001
 SHEET TITLE:
**7TH STREET UNDERBASS
PHOTOMATIC PLAN**
 Sales & Enquiries:

E305



10TH STREET UNDERPASS
PHOTOMETRIC PLAN

EXHIBIT D
Certificate of Insurance (TxDOT Form 1560)

To be made part of document prior to beginning of construction

EXHIBIT E
Attachment A (FHWA Additional Requirements)

To be made part of document if applicable